

FIFTY-FIFTH ANNUAL REPORT

OF

THE TRUSTEES

OF THE

Mass.
STATE HOSPITAL

AT TEWKSBURY,

INCLUDING

REPORT OF THE SUPERINTENDENT AND RESIDENT
PHYSICIAN,

FOR THE YEAR ENDING NOVEMBER 30, 1908.



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The Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council.

Complying with the statutes of the Commonwealth, the trustees of the State Hospital and the State Farm submit the fifty-fifth annual report concerning the condition and service of the State Hospital, for the year ending Nov. 30, 1908.

In no other year were there so many persons admitted or so many cared for during the year. Never before was there so high a maximum number of inmates in our charge at a given time.

The report made to us by Dr. John H. Nichols, the superintendent and resident physician, together with the tabulated body of information accompanying his report, all of which we offer as a part of our report, give a detailed account of the service rendered the State in the persons of many thousands of its wards during the period now under review.

The superintendent's report shows that there were admitted during the year 6,368 persons, as against 4,531 admitted during the previous year. The whole number of inmates under care during the period covered by this report was 8,157, as compared with 6,111 the previous year. The largest number under care at any one time was 2,234, and the smallest 1,736, the weekly average being 1,949, or 234 more than that of the period covered by our previous report, which was 200 more than that of two years ago. This is a gain, in two years, of 434 in the weekly average of inmates. This of itself is a sufficient explanation of the deficit of nearly \$14,000 which we are obliged to report.

The relative prominence of the strictly hospital features of our work is evident from the fact that, of the 8,157 persons under care during the year, 6,854 were hospital patients. This is more than 84 per cent. of the total.

Under chapters 109 and 632 of the Acts of 1908 there was appropriated for the maintenance of the State Hospital \$330,000. During the year there was expended for current maintenance \$343,979.98, of which \$93,259.20 was for salaries, wages and labor, and \$250,720.78 was for general expenses. This gives a gross per capita cost of \$3.39 per week, or 55 cents more than that of the period last reported.

If from this total expenditure for maintenance there should be deducted the sums received by the State for articles sold, and the amounts collected from cities and towns and from the federal government for the care of persons subject to municipal or federal charge, amounting altogether to \$24,937.80, there would remain a net outlay from the State treasury of \$319,042.18 for the support of the institution during the year.

The annual inventory which the statutes require has been taken by Charles H. Littlefield of Lawrence. This appraisal of the personal and real estate connected with the hospital, and belonging to the State, shows a total valuation of \$1,411,753.65, classified as indicated in a table submitted herewith.

Under special appropriation made by the General Court for permanent improvements in the institution plant there has been expended during the year the sum of \$55,347.87, as shown in accompanying tables.

As to the work done by means of the money thus expended, it may be noted that the hospital for consumptive women, previously reported finished and furnished, has been occupied up to its capacity during the year. We recommend an enlargement of the same.

The addition of a large ward to the men's hospital has been completed and will be opened this month. A new wing has been added to the hospital for consumptive men. It has a capacity for 50 beds. It can soon be used in an emergency, though considerable work remains to be done. We recommend the completion of the plan by the addition of another wing, as the need for the same is already in sight.

Work on the children's hospital was begun in February. The structure is now ready for plastering.

Two more isolation wards have been completed during the year, with a capacity for 15 patients.

Two additional beds for the filtration of sewage have been completed.

Three-quarters of a mile of sewer pipe have been laid from the women's consumptive hospital to connect with the sewer system.

A new 8-inch water main has been laid from the pumping station to the standpipe. This water main is about three-quarters of a mile in length.

A new road from the south gate to the hospital for consumptive women has been constructed, with sidewalk nearly the entire length of half a mile.

Other road and sidewalk making has been done. During the year there has been much clearing of stone from a lot of land on the southwest corner of the institution lands, not far from the outlying women's hospital, as also from a hillside south of the Burt house.

A fence has been constructed along the east side of the central group of buildings. The grounds have been graded around the new hospital ward for men. The enclosure thus created very materially enlarges the area open for the common use of patients. Our greatly increased population required great enlargement of recreation area.

A large amount of furniture for institution use has been manufactured during the year, and some of the farm buildings have been repainted. New plumbing and equipment have been supplied to the women's hospital. A large amount of painting, in both the men's and women's hospitals, has been done.

The medical records from 1897 to the present have been placed in loose sheet binding covers and thus made more readily accessible. This work, begun last year, has been completed during the present year, together with a card index to different diseases, back to 1897.

Such is an outline history of what has been probably the largest year's work ever done by the institution. We believe

that no institution established by the State has been built faster or has more to show for the money expended, with the exception of the State Farm, which is supplied with a quite exceptional amount of able-bodied labor.

The report of the superintendent sets forth certain needs of the institution as the trustees and officers see these needs.

In view of the rapid increase of our population, the appropriations of the past would be entirely inadequate. The number of employees is far too small, in view of the needs of those requiring hospital care. A majority of our departments were built and equipped for a population under 1,300; but our population last year averaged nearly 2,000, and was, at the maximum, 2,234.

Under these circumstances the imperative things had to be done, and some things, much to be desired, had to be postponed. Meanwhile the popular requirements in the way of service rendered have placed an added strain upon our resources.

Our priority in the matter of chronic tuberculosis has been witnessed during the year by the bestowment of a gold medal by the international tuberculosis congress, which recently met in Washington, D. C. That body bestowed a \$1,000 prize on the Brompton Hospital in London, which, with similar institutions abroad, had been visited by our superintendent in the search for ideas to be incorporated in our work. The congress conferred two gold medals in this country, one on the Massachusetts State Hospital and the other on the Loomis Sanatorium at Liberty, N. Y. Sir Henry Burdett, a distinguished English physician, visited our consumptive hospital for men in 1905, and later, in a printed account of his observations, characterized ours as "one of the finest hospitals." Our special work in the isolation of tuberculosis was begun before the anti-tuberculosis crusade had become at all prominent in the public mind, so that we claim to be among the pioneers in this conflict.

In this connection the trustees note the loss of our assistant superintendent, Dr. Ernest B. Emerson, who has been called to organize one of the three new consumptive hospitals which the State is now establishing, — that at North Reading.

This loss to our force is but the most recent of a series of similar losses. From our hospital staff have gone, within a decade, eight men who are now hospital superintendents, five of whom went from our staff directly to the headship of other hospitals. Besides, three or four of our women nurses or superintendents of nurses have received similar promotion to the superintendency of hospitals. This is both a certificate of the character of our work and at the same time an explanation of the difficulties under which we labor, in that we are not able to hold our trained men and women, who are called elsewhere at better salaries than we can pay.

It is a tribute to our superintendent, Dr. John H. Nichols, that, with these serious handicaps, he has been able to repair the losses to the medical staff, and to train other men and women so that they in turn were desired by other institutions financially able to induce their retirement from our service, and that, at the same time, he has been able to accomplish such results as the institution has shown in the successive years of his administration. Of course the credit does not all belong to any one man. Dr. Nichols has had the support of a large body of subordinates who have had pride in doing their share in maintaining the good name of the hospital. We are glad to render to him and to those who have aided him this deserved tribute, as we report the year's work to the Executive from whose hands we received our trust.

JOS. A. SMART,
SARAH D. FISKE,
ANNA F. PRESCOTT,
PAYSON W. LYMAN,
JOHN B. TIVNAN,
LEONARD HUNTRESS,
EMERY M. LOW,

Trustees.

SUPERINTENDENT'S REPORT.

To the Trustees of the State Hospital and State Farm.

I have the honor of presenting to you the fifty-fifth annual report of the State Hospital, for the year beginning Dec. 1, 1907, and ending Nov. 30, 1908. The statistics for the department for the insane are for the twelve months beginning Oct. 1, 1907, and ending Sept. 30, 1908.

The records show that during the year 8,157 people have been cared for and 6,368 have been admitted. The lowest daily census was 1,736, on June 5 and 7, 1908. The weekly average was 1,949, which is 234 more than that of the preceding year. Marked increase in the number of admissions is noted of hospital cases, — of tuberculosis cases, of children and of the insane. There were 202 births, — 105 males and 97 females, — which is 58 more than during the preceding year. There were 796 deaths; 692 were in the general hospital department and 104 in the department for the insane. Of the total number, 535 were males and 261 females.

The cash disbursements were \$343,979.98, and the average weekly per capita cost was \$3.39.

The amount of \$24,937.80 was collected for the support of city, town and government cases cared for at the hospital, for articles sold, etc., which leaves a net cost of \$319,042.18 for the maintenance of the institution during the year.

FARM AND GARDEN.

The productiveness has been somewhat greater than could have been expected, considering the excessive and prolonged drought through the entire farming season, and although the amounts in many of the items were diminished, others show considerable increase, especially the amount of ensilage corn produced, which was greater than in previous years.

HOSPITALS.

The number of cases admitted to the general hospital wards was 6,854, — 5,142 males and 1,712 females. This is an increase of admission of 1,797 over those of the preceding year. Of these, 5,387 were classified as medical cases and 1,467 as surgical. There were 945 cases of phthisis, 29 of diphtheria, 15 of typhoid fever, 52 of measles, 2 of scarlet fever and 29 of whooping-cough. Five hundred and three surgical operations were performed.

The increase in the number of cases of pulmonary tuberculosis is very marked, due largely to the great activities everywhere against this malady, each year forcing more and more of those afflicted from their homes and toward the institutions, and making it almost impossible for us to furnish proper accommodations as fast as they are required. There were 945 cases treated, — 813 men and 132 women, — of which number 4 were discharged well, 361 relieved, 257 died and 241 of the cases admitted were remaining at the end of the year. Such a large proportion of the cases admitted were in the very last stages of consumption that 58 died within two weeks of their admission, and 93 within the first month.

There were admitted 98 cases of other forms of tuberculosis, of which 43 died. Adding to the above cases 74 of tuberculosis among the insane, there is a grand total of 1,117 cases of tuberculosis which have been treated during the year just ended.

DEPARTMENT FOR THE INSANE.

There were admitted to this department 227 cases, — 102 by transfer, 114 by commitment, 8 nominally and 3 from escape. The daily average number of patients has been 612. The number remaining Sept. 30, 1908, was 661, — 479 women and 182 men. There were 106 deaths, — 36 men and 70 women. There were discharged 4 cases recovered, 19 improved, 7 not improved and 1 capable of self-support.

The infirmary tables record 586 cases treated, of which 419 were medical and 167 surgical.

The work in the laboratory department has shown a very

satisfactory growth during the year. A great deal more has been done in connection with the clinical cases in all parts of the institution, and both the medical and surgical cases have been benefited by the increasing number and frequency of examinations of the various fluids, secretions and tissues.

The pathological examinations have increased in number, and have been conducted with thoroughness, carefully studied and recorded, and a number of organs and tissues of unusual interest prepared and preserved.

An interesting series of cases has been treated with opsonic vaccines prepared in our laboratory.

Nineteen cases of dog bite have received the Pasteur treatment at our hospital. This makes 74 cases in all treated during the last two years. One only of these cases has reached a fatal termination, and that one at ten months after receiving the treatment.

MEDICAL STAFF.

It has been a very trying year for us in our medical work because of many changes on our medical staff, where our assistant physicians have resigned to accept promotions and increase of salaries in other places.

Dr. Carl J. Hedin resigned in April, to accept a position at an advanced salary and with increased responsibilities as second assistant at the State Hospital for the Insane in Augusta, Me. He had been with us four years, and had always enjoyed the special confidence and esteem of his associates and of his charges. His service had been most acceptable, was energetic, and always characterized by great care and thoughtfulness.

Dr. Samuel R. Haythorn, pathologist, resigned in June, to take a position in the pathological department of the Boston City Hospital. He had been in charge of the laboratory for nearly two years, and did a great deal to establish it upon a practical working basis, and to co-operate in the daily work with the different hospital departments. He put into his work the earnestness which is necessary to make such a department a success, and gave a close attention to details, which placed a special value upon all the work that he performed.

Dr. Hannah Lowell Emerson, for six years assistant physician, resigned on July 1. She was always diligent, and capa-

ble and faithful in her work. Throughout her service much of the most difficult work in the department for the insane was hers to perform, and in it she displayed a courage and evenness of disposition such as we rarely find, and which made her beloved by the patients under her care and by all of those associated with her.

Dr. Ernest B. Emerson resigned on September 1, to accept the superintendency of the State Sanatorium for Tuberculosis to be built at North Reading. Although his appointment had been made many months before, the demands for his services were not such as to necessitate the relinquishing of his position at the State Hospital at an earlier date. For over fourteen years he had been connected with the hospital; for ten years as assistant physician, the last five of which he was assistant superintendent. Not only as an able physician and surgeon was he respected by all, but also in executive matters, where he was fearless, upright and loyal. His promotion is a just recognition of his ability, integrity and general knowledge and experience in medical and in administrative affairs. His promotion separates from me one who, by many years of daily companionship and by many ties and active sympathies, had become one of my most cherished friends, and our hospital loses one of her most valuable officers.

I am always glad to have any of our worthiest assistants receive appointments to higher positions, yet it seems to be something of a mistake to allow our men to go away at a time when they are becoming most valuable to us just because other institutions are willing to pay more for their services.

Early in the spring it was decided to make the duties of the first medical officer mostly administrative, and to relieve him of the large amount of clinical work which had heretofore been required. And in September the first and second medical officers were made especially administrative assistants, in order that there might be more constant oversight of the many hospital matters requiring daily attention.

Dr. Carlton R. Metcalf, formerly surgical house officer at the Massachusetts General Hospital, was added to the staff in March as assistant physician in the men's hospital.

Dr. J. Lee Robinson, from the Johns Hopkins Medical

School, was appointed pathologist in June, but resigned in September, to accept an appointment in the Johns Hopkins Hospital. He was succeeded by Dr. Carroll D. Partridge, formerly of the Johns Hopkins Medical School and pathologist at the Infants' Hospital in Baltimore.

In December, Dr. Louis R. Brown, who was just finishing his service as interne, accepted a call to the State Hospital for the Insane in Middletown, Conn.

Certificates of satisfactory service as internes have been presented to Dr. Carl C. McCorison, Dr. Louis R. Brown, Dr. Howard K. Tuttle and Dr. Merlin F. Blodgett.

Dr. McCorison was appointed assistant physician in January, with duties in the department for the insane.

Dr. Tuttle was appointed assistant physician in May, with duties in the house department.

Mr. Frank C. Uebel, registered pharmacist, who had been our pharmacist for seven years, and rendered most satisfactory service during that time, resigned in March, to enter upon a business for himself in a drug store in Medford. As his successor, Mr. Frederick L. Fallon, registered pharmacist, was appointed.

Dr. Anna E. Barker, from the Nason Hospital, Roaring Springs, Pa., was appointed assistant physician, to succeed Dr. H. L. Emerson.

Dr. George A. Pierce, assistant superintendent at the State Colony for the Insane in Gardner, and formerly for many years assistant physician here, returned to take the position of assistant superintendent September 1.

TRAINING SCHOOL FOR NURSES.

Miss Rachel Bourke, superintendent of nurses.

Miss Laura E. McEachern, assistant superintendent of nurses.

Miss Priscilla H. Brown, assistant superintendent of nurses, department of insane.

Miss Mattie R. Bordelais, night superintendent of nurses.

Three head nurses, 2 assistant night nurses and 14 additional pupil nurses have been added during the year, and most of the relief nurses have been replaced by probationers, with the result of much general improvement in the different departments, but still our numbers are far too small to accomplish as much as we would wish.

The following is the course of lectures for 1907-1908: —

Special Classes.

Oct. 5, 1908, 7.30 P.M., JOHN H. NICHOLS, M.D.
Address to the Training School.

MONDAYS, 2.30 P.M. (WEEKLY).

Oct. 19, 1908 — March 1, 1909, HOWARD F. HOLMES, M.D.
Surgical Clinics.

TUESDAYS, 2.30 P.M. (WEEKLY).

Oct. 20, 1908 — March 2, 1909, GEORGE A. PIERCE, M.D.
Medical Clinics.

THURSDAYS, 7 P.M. (WEEKLY).

Nov. 5, 1908 — March 4, 1909, CARROLL D. PARTRIDGE, M.D.
Anatomy and Physiology.

THURSDAYS, 3 P.M.

Nov. 5, 12, 19, 26, Dec. 3, 10, 1908,

Mr. FREDERICK L. FALLON, Registered Pharmacist.
Materia Medica. — Introductory definitions and classifications.
Sources of drugs: preparations; modes of administration.
Factors governing doses: weights and measures. Abbreviations: terms, etc.

Senior Lecture Course.

TUESDAYS, 7 P.M.

Oct. 13, 20, 27, Nov. 3, 1908, WALTER C. KENNEY, M.D.
Obstetrics. — The pelvis. The normal genitalia and the changes in them during pregnancy. Development of the ovum. The management of pregnancy, abortion, etc. Toxæmia of pregnancy and eclampsia. Labor: preparation of patient; presentations and positions of child. Mechanism of labor. Care of the mother during the puerperium. Puerperal sepsis.

Nov. 10, 17, 24, Dec. 1, 8, 15, 1908, CARLETON R. METCALF, M.D.
Surgery. — The principles of aseptic and antiseptic surgery; wound healing. Wound accidents: inflammation, suppuration, abscess, ulcer, sinus, fistula, erysipelas, septicæmia; the termination of infections. Fractures, dislocations, wounds, contusions, sprains, injuries to joints, bones and tendons. Surgical diseases; tumors. Anæsthetics and their administration. General care of patients before, during and after operation. Care of patients after operation upon the head, spine and nerves. Care of patients after operation upon the respiratory organs; the breast, plastic surgery, surgical treatment for aneurism. Nursing after abdominal

operations: stomach, intestines, gall bladder, liver, kidney, ureters. Hemorrhage and its treatment. Shock and other emergencies; burns and scalds; injuries, thrombosis and embolism.

Jan. 5, 12, 19, 26, 1909, BURT F. HOWARD, M.D.

Infants and Young Children. — Care of infants: the newly-born infant, its condition and care; treatment of asphyxia; care of premature and delicate infants. The incubator. Growth and development of infants: physiological peculiarities; development of muscles; special senses, speech; dentition. Hygiene of the nursery, and general care of healthy infants: bathing, clothing, sleep, exercise. Infant mortality: tendencies to disease. Infant feeding in health and disease: methods. Infant's foods: milk; modified preparations; artificial foods. Feeding in intestinal disorders and other acute illnesses. Diseases due to faulty nutrition, and their treatment: scurvy, rickets, marasmus, etc.

Feb. 2, 9, 16, 23, 1909, CARL C. MCCORISON, M.D.

Insanity. — Management of the bodily condition; delusions. Insane habits; occupation and amusement. Suicide; homicide; violent patients. Varieties of insanity. The rest cure. Electro-therapeutics: practical application of electricity.

March 2, 9, 16, 1909, ALFRED J. ROACH, M.D.

Chest Diseases. — The common symptoms; sputum; hæmoptysis; heart cases; lung cases.

March 23, 30, April 6, 1909, HOWARD K. TUTTLE, M.D.

Infectious Diseases. — Typhoid fever. Scarlet fever; measles; small-pox and other exanthemata. Diphtheria and allied affections. Asiatic cholera; amœbic dysentery; leprosy; glanders, etc.; and other less common infectious diseases. Malarial fever.

Junior Lecture Course.

MONDAYS, 7 P.M.

Oct. 12, 19, 26, 1908, RAYMOND P. BONELLI, M.D.

Medical Lectures. — The general observation and recording of symptoms. The pulse; temperature and respiration. Diseases of the heart and blood vessels. Diseases of the blood and blood-forming organs. Diseases of the respiratory organs.

Nov. 2, 9, 16, 1908, WILLIAM DOBSON, M.D.

General Medicine. — Rheumatic affection: (1) rheumatic fever; (2) subacute, chronic and muscular rheumatism. Arthritis deformans. Gout; purpura; hæmophilia. Diabetes mellitus and diabetes insipidus. Diseases of the suprarenal glands: Hodgkin's disease; lymphatism (status lymphaticus). Disease of the thyroid gland: simple goiter, exophthalmic goiter (Graves' disease), cretinism, myxœdema.

- Nov. 23, 30, Dec. 7, 1908, HARRY R. COBURN, M.D.
Diseases of Digestion. — Disease of the stomach: gastritis, acute and chronic; neuroses of stomach. Dilatation: gastric ulcer; cancer, etc. Diseases of the intestines; the liver and pancreas.
- Dec. 14, 1908, Jan. 4, 11, 1909, NATHAN ADDLESON, M.D.
Urinalysis. — Anatomy and physiology of the urinary organs. Tests for albumen and sugar. Diseases of the kidneys.
- Jan. 18, 25, Feb. 1, 1909, HAROLD HAVEN PALMER, M.D.
Diseases of the Skin. — Anatomy and care of the skin. Nursing in diseases of the skin.
Diseases of the Eye and Ear. — Anatomy of the eye; care in health and disease. Care of eyes after operations. Anatomy of the ear; care in health and disease.
- Feb. 8, 15, 1909, OLIVER E. BIXBY, M.D.
Diseases of the Throat and Nose. — Diseases of the throat and nose. Treatment and nursing of diseases of throat and nose.
- Feb. 22, March 1, 1909, FREDERICK D. CARR, M.D.
Wounds: inflammation; first-intention; suppuration. Septicæmia; pyæmia; erysipelas; gangrene; with their danger and prevention of transmission.
- March 8, 15, 1909, CHARLES E. WELLS, M.D.
Blood. — Methods of examination; importance in diagnosis of diseased conditions.
- March 22, 29, April 5, 12, 1909, ANNA E. BARKER, M.D.
Gynecology. — Anatomy and physiology of the pelvic organs. Diseases of women; preparation of patients for minor operations. After care. Consideration of the major gynecological operations. The preparation for such cases and their after treatment.

The following graduate nurses have been placed in charge of special departments, viz., Mrs. Annie G. McDonald, in charge of operating room; Miss Edith Huntress, in charge of north end of women's hospital; Miss Anna B. Wells, in charge of the south end of women's hospital.

The following nurses have been graduated during the year: Minnie F. Dunn, Mary E. McDonald, Anna C. Dwyer, Margaret Shepard, Cora E. Kenney, Anna B. Wells, Elsie P. Mayo and Mary E. Nolan.

A much larger amount of work in the line of improvements has been accomplished than in most of the previous years.

The women's consumptive hospital was opened on January 1, accommodating 40 patients. This furnished us considerable relief in the crowded condition in the women's building. The

grading about the building has been completed, and one-half of road and sidewalk has been built, leading directly to it from the south gate.

An additional wing to the men's hospital for consumptives has been constructed, with capacity for 50 patients, and will be occupied in January.

The new hospital for men, with a capacity for 100 patients, has been finished and is now occupied. Although this will relieve the general overcrowding to only a slight degree, it will greatly increase the comfort of 100 sick patients.

The two additional isolation wards have been completed, and have been occupied by patients taking the Pasteur treatment.

The children's hospital has been erected and is already roofed in. The windows have been put in place, the furring done and studding for partitions has been erected.

The work on the relocation of Livingstone Street has been completed, and this makes three-fourths of a mile of new road now finished.

Two additional filter beds for sewerage have been constructed, making eight beds in all.

Three-fourths of a mile of sewer pipe has been laid, connecting the women's consumptive hospital with the main sewer. A new catch-basin has been built, to separate the sludge from the liquid portion of the sewage before delivering it on to the filter beds.

The grading on the east side and around the new hospital has been finished, and a new sidewalk and road built from the men's dormitory as far as the men's asylum.

A fence has been built on the east side, enclosing about three additional acres of land, which will relieve the crowded conditions which prevail in some parts of our yards during the summer season.

Four thousand two hundred and eighty feet of 8-inch cast-iron pipe have been laid, making a new water main from the pumping station to the water tower. This line goes directly past the buildings on the east side of the yard, giving six additional hydrants and offsets for future extensions.

A large amount of painting and varnishing has been done in the men's hospital and in the women's hospital.

The water sections in the east ward and in the women's hospital have been reconstructed, and granolithic floors and new fixtures have been put in.

The new 10-inch main line of steam pipe, to replace the 8-inch pipe, which was begun last year, has been completed throughout the entire length of the main subway, and has been covered in with mineral wool.

Two new subways, 6 feet by 4 feet, have been built, — one, 150 feet in length, from the women's hospital basement through the basement of the maternity ward; and one, 300 feet in length, from the sun room of the men's hospital to the men's asylum, for carrying and protecting steam and hot-water pipes, which were interfered with by ground water, usually present in those two localities.

A large amount of stone has been cleared out from the southwest corner of the farm, and also from the east side of the hill near the Burt farm.

Considerable grading has been done around the new women's asylum, which new land will soon be included in the yard for the insane.

The farm buildings have been painted, and also outside painting has been done on the buildings surrounding the main court.

Besides the ordinary repairs, a large amount of furniture has been manufactured in our carpenter's shop, and a circular saw and band saw, with electric motor attachments, have been put in place and have been very effective in increasing the output from the shop.

The medical records, which have been kept in envelopes; have all been bound in loose sheet binding covers, from the present date back to 1897, when the envelope system was established, so that now all of the records appear in book form. This work was begun the year before, but was completed this last fall. A card index to the diseases has been completed, from date back to 1897, so that it will now be much easier than heretofore to review or to compile reports of the medical cases.

The year just ended has been with us an unusual one in many respects, and most trying and difficult in many of the matters and problems which have come up for solution.

The financial depression, which started in at the very beginning of the winter, and of our official year, with the shutting down of industrial activities, left the poorest classes in such distress that the feeble ones, those inclined to be ill and those without the necessary amount of self-control, courage and determination, were soon seeking relief from the authorities, and in time were transferred to our hospital, at a rate hitherto unequalled. Within a few weeks our numbers rose to a point that was far beyond anything that could have been anticipated, and from that time on a very much increased average existed through the whole year.

The number reached 2,234, where formerly we had never been up to 2,000. The appropriations were entirely inadequate to meet the demands. The number of employees was far too small for the amount of work to be done, and a majority of the departments, planned, built and equipped for less than 1,300 patients, now with a demand for 2,200, failed to meet, more than in the smallest way, the work which should be required. There is overcrowding everywhere, — in dormitories, basements, day rooms, employees' quarters, administration building, chapel and laundry, so that additional space for patients and for employees, and increased capacity in many of the buildings now in use, are necessary to meet the demands of today.

There were so many things needed to be done, with no resources for carrying them out, that many important matters had to give way to those which were more essential.

The policy of late, of sending all the State charges to the State Hospital rather than furnishing outside relief, or paying their expenses in other hospitals, as was formerly done in many cases, has changed to a marked degree the character of the cases admitted, in that the hospital cases now far outnumber all the others.

The ever-increasing number of patients, the increasing proportion of very sick or terminal cases and the increasing activities of the anti-tuberculosis interests, sending to us all of the advanced patients that can be found in their hiding places, and the greater public demands for all these cases, make necessary large appropriations in order for us not to fall behind the standards of other public institutions in such work.

IMPROVEMENTS ARE SUGGESTED.

In order to meet the demands of the present situation, the following improvements are suggested, and plans, specifications and estimates have been submitted to the State Board of Charity, for which appropriations will be requested: —

Enlargement of the administration building.

Enlargement of the chapel, to increase capacity by 400 seats.

Enlargement of the laundry.

Enlargement of the men's consumptive hospital, increasing the capacity by 50 beds.

Enlargement of the women's consumptive hospital, increasing the capacity by 40 beds.

Enlargement of the nurses' home, increasing the capacity by 40 rooms.

Construction of two barracks for 100 men each, at a considerable distance from the main group of buildings, which is also in accordance with the suggestion by the State Board of Charity in their last annual report.

Enlargement of filter beds, as suggested by the State Board of Health.

An appropriation for heating, lighting and furnishing the children's hospital is also required, and also for improving the water supply and the heating and lighting plant.

Also an appropriation is requested for the purchase of certain real estate.

On the twenty-first day of January, after an illness of three months, Mr. John R. McDonald, the farmer, died. Mr. McDonald had occupied the position for sixteen years, and had been employed in the institution for seventeen years. He was a man of most unusual qualities, — active, thoughtful, patient, efficient and cheerful; a master among men, yet gentle as a child. It seemed as if he possessed all the virtues. No one in the seventeen years has been taken or has left the hospital who was more respected and beloved by everybody than he. He was about of the same age and length of service in the institution as myself, and although he was one of my most

valuable assistants, the real loss to me was that of a devoted friend and a constant companion.

Mr. McDonald's position has been filled by Mr. Finlay Nicholson, for four years previous an assistant on the farm.

I wish to express our thanks to the following chaplains: the Rev. Father Patton and his associates, the Rev. Father Flynn, the Rev. Father Phalen, and others of the Oblate Fathers from the Novitiate, and to the Rev. Thomas G. Langdale and Rev. Mr. Bishop of the village, who have officiated at the religious services, and have responded to the innumerable calls of the sick in the hospital wards.

For further information regarding expenditures, hospital and asylum statistics, products of the farm, etc., tables will be found elsewhere in this report.

I wish to thank all officers, employees and others whose services and attentions have helped to lighten my responsibilities, and to keep the interests of the hospital from suffering because of the increased tasks to be performed.

I wish to express to the trustees my deep appreciation of the kindness and helpfulness which they have extended to me in relation to the many and difficult problems which I have had to meet during the year.

Yours respectfully,

JOHN H. NICHOLS,
Superintendent.

GRADUATES OF TRAINING SCHOOL AT STATE HOSPITAL.

Miss LILLIE FLETCHER (Mrs. MacDonald),	.	.	Tewksbury, Mass.
Miss ALBINA MANNING,	.	.	Boston, Mass.
Miss HEATHY STEWART,	.	.	Manitoba.
Miss ALICE DILLON,	.	.	Boston, Mass.
Miss HILDEGARDE BACKMAN,	.	.	New York, N. Y.
Miss CATHERINE SCOTT,	.	.	Tewksbury, Mass.
Mrs. ANNIE HORNE,	.	.	Boston, Mass.
Miss MAUDE ROURKE,	.	.	Deceased.
Miss EMMA SCULLION,	.	.	Moncton, N. B.
Miss NELLIE S. REDMOND,	.	.	Roxbury.
Miss JESSIE FIGGAT,	.	.	Roanoke, Va.
Miss MARY E. RICHARDSON,	.	.	Boston, Mass.
Miss MARY E. MITCHELL (Mrs. Cole),	.	.	Boston, Mass.
Miss CHRISTINA GERMAIN,	.	.	Providence, R. I.
Miss ANNIE G. KELLEY (Mrs. McDonald),	.	.	Tewksbury, Mass.
Miss CATHERINE J. MEIKLE (Mrs. Mitchell),	.	.	Meiklefield, N. S.
Miss JESSIE WILLINA MEIKLE,	.	.	Haverhill, Mass.
Miss ELIZABETH McCausland (Mrs. French),	.	.	Lowell, Mass.
Miss FLORENCE N. COOK (Mrs. Grant),	.	.	Nova Scotia.
Miss HELEN A. WEST,	.	.	Adrian, Mich.
Miss FLORA MACPHERSON (Mrs. McLind),	.	.	England.
Miss JESSIE A. BAKER (Mrs. Kilbourn),	.	.	New York, N. Y.
Miss AMY J. BAKER (Mrs. Jenness),	.	.	Lynn, Mass.
Miss LINDA NASE (Mrs. Robertson),	.	.	Clinton, Mich.
Miss HELENA KELLEY (Mrs. Lancaster),	.	.	Deceased.
Miss DORA VINCENT,	.	.	Helena, Mont.
Miss ANNIE CALDER (Mrs. Taylor),	.	.	Boston, Mass.
Miss MARY J. YOUNG,	.	.	Tewksbury, Mass.
Miss KATE E. GILSON,	.	.	Michigan.
Mrs. ANNIE J. BURTT,	.	.	Deceased.

Miss CAROLINE E. HUTT (Mrs. Durkee),	. Vermont.
Miss ANNIE GRANT, . . . .	. Cambridge, Mass.
Miss ANNIE McAUSLAND, . . . .	. Philadelphia, Pa.
Miss FLORENCE A. LAFLEUR, . . . .	. Newton, Mass.
Miss A. ESTELLE DECATUR, . . . .	. Lowell, Mass.
Miss LENAH BELLE AUSTIN, . . . .	. Boston, Mass.
Miss MIRIAM H. CROWELL, . . . .	. Boston, Mass.
Miss URANIA E. AUGUSTA (Mrs. Longfellow),	. Maine.
Miss MARY H. MEIKLE (Mrs. Daniels), . .	. Athol, Mass.
Miss MARY E. PATREQUIN, . . . .	. Providence, R. I.
Miss LOUISA D. HAISE, . . . .	. Cambridge Springs, Pa.
Miss CLARA E. DOWDING, . . . .	. Providence, R. I.
Miss MAGGIE MATHESON (Mrs. Tyson), . .	. Bangor, Me.
Miss HARRIET M. CILLEY (Mrs. Deane), . .	. Peterborough, N. H.
Miss ORA P. LAMEY (Mrs. Matheson), . .	. Boston, Mass.
Miss EMILY BURNS, . . . .	. Milford, Mass.
Mrs. LAURA ROBINS, . . . .	. Pennsylvania.
Miss MINNIE I. ANDERSON, . . . .	. Ithaca, N. Y.
Miss ANNIE ROSS (Mrs. Taft), . . . .	. Lynn, Mass.
Miss MABEL I. BARNSDALE (Mrs. Moore), . .	. Providence, R. I.
Miss ALBERTA JOHNSTON (Mrs. McIntosh), . .	. Boston, Mass.
Miss EDITH M. HUNTRESS, . . . .	. Tewksbury, Mass.
Miss ADELLA FRIDENSTINE, . . . .	. Cleveland, O.
Miss EDITH C. CURTIS (Mrs. Crawford), . .	. New York, N. Y.
Miss NORA F. KEATING, . . . .	. Deceased.
Miss MARY M. TRUEX (Mrs. Robinson), . .	. Amesbury, Mass.
Miss ELIZABETH C. DEVINE, . . . .	. New York, N. Y.
Miss ALICE M. SWEENEY, . . . .	. Boston, Mass.
Miss SARAH A. YORGEY, . . . .	. Philadelphia, Pa.
Miss MARTHA A. DUNN, . . . .	. Nanticoke, Pa.
Miss MAUDE A. TAFT, . . . .	. Vermont.
Miss AGNES V. INNES, . . . .	. Deceased.
Miss FLORENCE E. FERGUSON (Mrs. Greenough),	. Dorchester, Mass.
Miss M. ALICE ROACH, . . . .	. Boston, Mass.
Miss M. ALICE MORRILL, . . . .	. Boston, Mass.
Miss EDITH C. ABBOTT, . . . .	. Andover, Mass.
Miss ELIZABETH LAMEY, . . . .	. Boston, Mass.
Miss FREDERICA M. E. WHITE (Mrs. Hoyt), . .	. Seattle, Wash.
Miss FRANCES C. MATTHEWS, . . . .	. Manchester, N. H.

Miss JESSIE A. McNABB,	. . . .	New York, N. Y.
Miss MAUDE M. CURRIE,	. . . .	Boston, Mass.
Miss JENNIE E. COSMAN,	. . . .	St. John, N. B.
Miss OLIVE S. FRASER,	. . . .	Boston, Mass.
Miss FLORENCE G. RICE,	. . . .	Boston, Mass.
Miss MARY A. DUNNIGAN,	. . . .	Chelmsford, Mass.
Miss MARIA PUTNAM,	. . . .	Boston, Mass.
Miss ANNIE M. CAMERON,	. . . .	Boston, Mass.
Miss MARY A. McARDLE,	. . . .	Worcester, Mass.
Miss SARAH E. HANDLEY,	. . . .	Cambridge, Mass.
Miss MARY L. RIORDAN,	. . . .	Portland, Me.
Miss FRANCES A. NEFF,	. . . .	Boston, Mass.
Miss FRANCES I. JOHNSTON (Mrs. Jewett),	. . . .	Worcester, Mass.
Miss KATHERINE E. GEORGE,	. . . .	Cambridge, Mass.
Miss MABELLE C. BARKER,	. . . .	New Junction, N. H.
Miss MARY A. CAHILL,	. . . .	Rutland, Mass.
Miss CATHERINE F. GOOKIN,	. . . .	Tewksbury, Mass.
Miss LOUISE L. LAPORTE,	. . . .	New York, N. Y.
Miss FLAVILLA A. BARKER (Mrs. Uebel),	. . . .	Medford, Mass.
Miss MATTIE R. BOURDELAIS,	. . . .	Tewksbury, Mass.
Miss JEAN A. ROSS,	. . . .	Portsmouth, N. H.
Miss MARY THALER,	. . . .	Tewksbury, Mass.
Miss PRISCILLA H. BROWN,	. . . .	Tewksbury, Mass.
Miss EVA J. LEADER,	. . . .	Chicago, Ill.
Miss ANNABELLE WELLS,	. . . .	Tewksbury, Mass.
Miss MINNIE F. DUNN,	. . . .	Tewksbury, Mass.
Miss MARY E. MACDONALD,	. . . .	Canada.
Miss ANNA C. O'DWYER,	. . . .	Boston, Mass.
Miss MARGARET M. SHEPPARD,	. . . .	Philadelphia, Pa.
Miss CARA E. KENNEY (Mrs. Farmer),	. . . .	Tewksbury, Mass.
Miss ELSIE P. MAYO,	. . . .	Providence, R. I.
Miss MARY E. NOLAN,	. . . .	Attleborough, Vt.

STATISTICAL FORM FOR STATE INSTITUTIONS.

[Prepared in accordance with a resolution of the National Conference of Charities and Correction, adopted May 15, 1906.]

Name of institution: STATE HOSPITAL.

Population.

	Male.	Female.	Total.
Number of inmates present at beginning of fiscal year.	1,074	715	1,789
Number received during the year, . . .	4,827	1,541	6,368
Number discharged or died during the year, .	4,651	1,421	6,072
Number at end of the fiscal year, . . .	1,250	835	2,085
Daily average attendance (<i>i.e.</i> , number of inmates actually present) during the year.	1,137	812	1,949
Average number of offices and employees during the year.	118	122	240

Expenditures.

Current expenses: —

1. Salaries and wages,	\$93,259 20
2. Clothing,	20,050 84
3. Subsistence,	93,072 47
4. Ordinary repairs,	24,822 74
5. Office, domestic and out-door expenses, .	112,774 73

Total,	\$343,979 98
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Extraordinary expenses: —

1. New buildings, land, etc.,	\$55,347 87
2. Permanent improvements to existing buildings,	—

Total,	55,347 87
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Grand total,	\$399,327 85
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Notes on current expenses: —

1. Salaries and wages should include salaries of trustees or directors, if any.
2. Clothing including shoes, and also materials for clothing and shoes if they are manufactured in the institution.
4. Ordinary repairs include all of those which simply maintain the buildings in condition without adding to them. Any repairs which are of the nature of additions should be classed with "permanent improvements."
5. This item includes everything not otherwise provided for, *e.g.*, furniture, bedding, laundry supplies, medicines, engineer's supplies, postage, freight, library, etc.

Executive head (superintendent and resident physician): JOHN H. NICHOLS.

Statistics for Thirty-seven Years, concerning Inmates.

YEARS.	Total Number of Persons.	Number admitted.	Weekly Average.	Number of Hospital Cases.	Whole Number of Deaths.	Per Cent. of Deaths of Hospital Cases.	Per Cent. of Deaths of Total Number of Persons.	Whole Number of Inmate.	Number of Inmate Deaths.	Per Cent. of Inmate Deaths.	Number of Deaths of Persons under One Year of Age.	Number employed Each Year.	Proportion of Inmates to Officers.
1872,	2,356	2,053	768	1,454	334	.229	.141	421	61	.145	66	27	28
1873,	2,986	2,311	816	1,467	348	.237	.116	435	60	.138	69	29	28
1874,	3,448	2,686	885	1,213	314	.258	.091	409	42	.102	68	32	28
1875,	2,936	2,131	844	1,358	325	.239	.110	411	58	.141	68	39	22
1876,	3,757	2,965	918	1,812	276	.152	.073	368	38	.103	88	40	23
1877,	3,995	3,197	924	1,029	257	.249	.064	341	20	.058	114	42	22
1878,	3,552	2,633	943	1,802	306	.106	.086	321	25	.076	126	44	21
1879,	3,158	2,261	945	1,397	305	.218	.096	256	16	.062	138	44	21
1880,	2,964	2,118	917	1,521	184	.121	.062	266	8	.030	35	42	22
1881,	3,558	2,686	919	1,630	216	.132	.060	308	6	.019	40	42	22
1882,	3,610	2,688	895	1,530	235	.153	.065	377	25	.066	28	46	19
1883,	4,057	3,231	956	1,980	233	.117	.057	294	16	.053	32	48	20
1884,	4,727	3,798	1,003	1,505	225	.149	.047	344	17	.049	32	51	20
1885,	4,300	3,223	997	1,608	218	.135	.050	351	23	.065	38	57	17
1886,	3,040	2,228	917	1,383	143	.103	.047	434	16	.036	20	67	14
1887,	3,190	2,362	904	1,820	171	.093	.053	444	33	.074	24	69	13
1888,	3,532	2,655	873	1,859	184	.098	.052	439	27	.061	28	73	12
1889,	3,403	2,538	846	1,910	152	.079	.044	416	21	.050	16	75	11
1890,	3,277	2,436	932	1,969	198	.100	.060	412	44	.106	13	71	13

Statistics for Thirty-seven Years, concerning Inmates — Concluded.

YEARS.	Total Number of Persons.	Number admitted.	Weekly Average.	Number of Hospital Cases.	Whole Number of Deaths.	Per Cent. of Deaths of Hospital Cases.	Per Cent. of Deaths of Total Number of Persons.	Whole Number of Inmate Deaths.	Number of Inmate Deaths.	Per Cent. of Inmate Deaths.	Number of Deaths of Persons under One Year of Age.	Number employed Each Year.	Proportion of Inmates to Officers.
1891,	3,617	2,815	900	2,105	176	.083	.048	406	19	.046	8	77	12
1892,	3,818	2,973	991	2,265	227	.100	.059	447	23	.051	20	78	13
1893,	3,985	3,160	1,050	2,456	259	.105	.065	537	44	.082	30	85	12
1894,	4,648	3,644	1,217	2,940	259	.088	.055	532	39	.073	26	85	14
1895,	4,110	3,071	1,167	2,810	221	.079	.053	548	28	.051	30	89	13
1896,	4,668	3,604	1,231	3,126	272	.087	.058	551	39	.071	17	90	14
1897,	4,811	3,625	1,289	3,407	328	.096	.068	566	45	.080	32	95	14
1898,	4,568	3,451	1,292	3,211	291	.091	.064	554	30	.054	18	100	13
1899,	4,605	3,353	1,349	3,050	344	.113	.075	570	38	.067	42	105	13
1900,	4,085	2,883	1,250	3,036 ¹	320 ¹	.105 ¹	.094	597	65	.109	31	108	12
1901,	4,534	3,360	1,346	3,285 ¹	364 ¹	.111 ¹	.095	638	69	.108	30	119	11
1902,	4,472	3,246	1,284	3,217 ¹	355 ¹	.110 ¹	.091	604	54	.089	28	125	10
1903,	4,688	3,493	1,344	3,698 ¹	384 ¹	.104 ¹	.094	606	59	.097	31	130	10
1904,	5,104	3,901	1,491	4,094 ¹	421 ¹	.103 ¹	.098	684	78	.114	24	140	11
1905,	5,290	3,894	1,491	4,277 ¹	477 ¹	.111 ¹	.117	675	141	.209	28	148	10
1906, ²	5,880	4,619	1,515	4,948 ¹	557 ¹	.112 ¹	.108	723	76	.105	33	161	9
1907,	6,111	4,531	1,715	5,057 ¹	564 ¹	.112 ¹	.111	763	113	.148	34	193	9
1908,	8,157	6,368	1,949	6,854 ¹	692 ¹	.101 ¹	.097	838	104	.124	62	240	8

¹ Insane cases not included.² This year includes fourteen months.

Financial Statistics for Thirty-seven Years.

YEARS.	General Expenses. ¹	Salaries.	Per Capita Cost.	Average Salary.	Special Expenses. ²	Buildings.	Total Appraisal.
1872.	\$70,388 90	\$12,811 89	\$2 06	\$474 51	\$39,507 07	\$205,585 00	\$343,998 32
1873.	73,785 87	14,097 65	2 04	486 12	7,118 10	209,250 00	361,381 64
1874.	77,261 77	16,020 70	2 00	500 64	—	210,350 00	359,585 33
1875.	78,472 77	17,898 93	2 18	458 92	5,297 96	216,580 00	363,299 79
1876.	72,592 15	17,607 84	1 88	440 20	2,294 92	221,080 00	372,555 71
1877.	81,084 31	18,484 17	2 01	440 10	2,306 59	226,830 00	372,174 19
1878.	78,515 60	19,268 97	1 75	437 93	—	227,980 00	373,215 74
1879.	62,862 18	19,434 16	1 61	441 69	6,594 95	230,755 89	381,693 84
1880.	65,854 80	18,094 06	1 61	430 81	8,868 23	243,275 00	393,662 33
1881.	73,248 25	18,252 60	1 87	434 59	7,706 00	247,425 00	399,349 38
1882.	79,610 58	19,485 77	2 09	423 60	6,871 00	257,868 13	412,410 26
1883.	71,836 53	19,147 14	1 83	398 90	8,835 00	258,368 13	410,378 97
1884.	76,663 30	19,596 11	1 80	354 82	2,884 00	259,818 13	413,697 57
1885.	70,804 12	21,189 29	1 70	371 74	9,883 00	266,424 30	419,927 27
1886.	81,695 60	23,183 22	1 76	346 02	2,729 00	270,368 97	430,842 46
1887.	74,534 90	27,625 40	2 33	366 88	35,547 00	326,788 76	500,481 46
1888.	67,835 59	28,798 87	1 76	383 98	5,005 00	333,722 56	522,309 15
1889.	79,942 76	28,626 39	2 23	374 30	44,472 00	338,990 31	518,990 31
1890.	91,674 82	29,607 24	2 59	403 18	46,044 00	388,615 65	579,372 68
1891.	83,607 95	28,469 39	2 17	384 51	3,171 00	339,090 65	596,859 75
1892.	89,664 25	30,655 86	2 20	364 99	32,032 00	426,563 15	630,508 65
1893.	89,799 39	31,565 97	1 91	371 36	7,447 00	428,413 15	652,143 99
1894.	106,406 26	32,890 96	2 29	360 66	132,694 34	525,989 06	745,545 38
1895.	105,941 08	32,820 32	2 17	363 70	69,809 34	544,327 72	764,547 46
1896.	102,292 07	34,156 32	2 04	364 67	56,233 05	613,600 00	855,516 74
1897.	109,701 01	36,581 04	2 18	365 81	31,496 12	629,000 00	867,690 37
1898.	126,624 88	39,147 12	2 36	372 83	41,823 37	664,050 00	913,719 13
1899.	123,198 97	39,438 68	2 50	365 17	52,409 33	701,150 00	966,500 35
1900.	144,019 16	42,890 65	2 67	380 42	53,881 49	729,300 00	1,009,264 73
1901.	129,881 74	44,366 84	2 61	374 45	49,076 63	778,275 00	1,068,979 87
1902.	169,680 40	48,283 55	3 12	371 41	33,203 11	806,200 00	1,111,309 60
1903.	163,065 40	49,029 81	2 74	350 21	33,853 86	789,500 00	1,136,398 24
1904.	154,654 41	51,904 56	2 66	350 71	45,328 21	822,650 00	1,173,110 25
1905.	210,042 96	69,241 83	3 02	430 07	93,113 78	892,765 00	1,296,165 17
1906. ³	193,762 35	67,994 49	2 94	352 30	59,984 15	934,750 00	1,316,723 80
1907.	250,720 78	93,259 20	3 39	388 58	55,347 87	1,004,500 00	1,411,753 65
1908.							

³ This year includes fourteen months.¹ The general expenses are the running expenses of the institution, not including salaries.² The special expenses include new buildings and improvements.

SCHEDULE A.

Real and Personal Estate.

Live stock,	\$15,418 00
Produce of farm on hand,	9,881 67
Carriage and agricultural implements,	11,171 96
Machinery and mechanical fixtures,	134,774 75
Beds and bedding, inmates' department,	41,418 89
Other furniture, etc., inmates' department,	68,624 66
Personal property, superintendent's department,	28,283 18
Ready-made clothing,	10,466 08
Dry goods,	1,490 01
Provisions and groceries,	4,395 11
Drugs and medicines,	1,504 34
Fuel,	16,000 00
Library,	3,650 00
Real estate:—	
Buildings,	\$1,004,500 00
Land,	60,175 00
	<hr/>
	1,064,675 00
	<hr/>
	\$1,411,753 65

This is to certify that the foregoing list is a true schedule and appraisal of the personal property and real estate at the State Hospital at Tewksbury, Mass., belonging to the Commonwealth, Nov. 30, 1908.

(Signed)

CHARLES H. LITTLEFIELD.

Then personally appeared before me the above-named Charles H. Littlefield, and made oath that the foregoing schedule and appraisal is correct, according to his best knowledge and belief.

(Signed)

OVAN J. RANDLETT,

Justice of the Peace.

SCHEDULE B.

List of Salaried Officers employed at the State Hospital.

Superintendent and physician, per year,	\$3,000 00
Assistant superintendent and physician, per year,	1,700 00
First assistant physician, per year,	1,700 00
Assistant physician, per year,	1,500 00
Assistant physician, per year,	1,200 00
Assistant physician, per year,	1,000 00
Pathologist, per year,	1,000 00
Assistant physicians (4), per year,	600 00
Pharmacist, per month,	50 00
Clerk and steward, per year,	1,800 00
Stenographers (3), per month,	\$30 00 and 40 00
Housekeeper, per month,	25 00
Superintendent of nurses, per month,	75 00
Night superintendent of nurses, per month,	35 00
Assistant superintendent of nurses (2), per month,	\$35 00 and 40 00
Nurses (108), per month,	20 00 to 35 00
Supervisors (7), per month,	25 00 to 45 00
Attendants (17), per month,	25 00 to 35 00
Matrons (15), per month,	20 00 to 35 00
School teacher, per month,	25 00
Baker, per month,	70 00
Receiving officer, per month,	60 00
Record clerk and assistant, per month,	25 00
Housemaids (2), per month,	\$6 00 and 8 00
Chief engineer, per year,	1,400 00
Assistant chief engineers (2), per month,	75 00
Electricians (5), per month,	\$60 00 and 65 00
Firemen (16), per month,	50 00
Carpenters (2), \$4 30 per day, and per month	70 00
Steam fitters (3), per day,	2 50
Tinsmith, per month,	10 00
Helper, per month,	10 00
Blacksmith, per month,	35 00
Coach driver, per month,	12 00
Farmer, per month,	60 00
Assistant farmers (2), per month,	35 00
Herdsmen, per month,	30 00
Stable man (2), per month,	\$25 00 and 40 00
Assistant, per month,	10 00
Farm laborers (24), per month,	\$25 00 and 30 00

STATEMENT No. 1.

Number in hospital, Dec. 1, 1907,	1,789
Admitted during the year,	6,368
Discharged during the year,	6,072
Supported during the year,	8,157
Deaths during the year,	796
Births during the year,	191
Weekly average,	1,949
Present number,	2,085

Of the 6,368 admitted during the twelve months ending Nov. 30, 1907, there were from:—

Boston,	4,118
Lowell,	288
Tewksbury,	282
Lawrence,	261
Births,	191
State Farm,	133
Worcester,	97
Cambridge,	74
Lynn,	53
Holyoke,	52
Danvers Insane Hospital,	47
Springfield and Salem, 46 each,	92
Worcester Insane Hospital,	40
Chelsea,	32
Fitchburg,	31
Haverhill,	30
Malden,	22
Somerville,	21
Pittsfield,	17
Peabody and Reformatory Prison for Women (Sherborn), 16 each,	32
North Adams and Woburn, 15 each,	30
Attleborough,	13
Wakefield,	12
Chicopee, escape and boarding out, 11 each,	33
Melrose,	10
Andover, Dedham, Everett, Fall River, Gloucester and Newburyport, 9 each,	54
Brockton, Newton, Revere, Stow, Templeton and Webster, 8 each,	48
Framingham, Medford and Quincy, 7 each,	21
Brookline, Maynard, visit and Clinton, 6 each,	24
Douglas, Hyde Park, Northampton, State Industrial School, Winchester and Ware, 5 each,	30

Adams, Dracut, Hull, Leominster, Milford, Natick, North Attleborough, Rockport, Waltham, West Newton, Watertown, Whitman, Winchendon and Westfield, 4 each,	56
Athol, Beverly, Danvers, Franklin, Foxborough, Gardner, Greenfield, Holliston, Marlborough, Northbridge, Rutland, Stoneham, Saugus, Warren and Braintree, 3 each,	45
Arlington, Belmont, Blackstone, Billerica, Easthampton, East Longmeadow, Hudson, Methuen, Norwood, Palmer, Savoy, Uxbridge, Weymouth and Westford, 2 each,	28
Agawam, Auburn, Amesbury, Brookfield, Bernardston, Buckland, Cheshire, Charlton, Concord, Colrain, Canton, Carver, Chelmsford, Dudley, Erving, Groveland, Hatfield, Hubbardston, Littleton, Ludlow, Middleton, Monson, New Bedford, North Reading, Northborough, Newbury, Needham, North Andover, Plymouth, Pepperell, Phillipston, Orange, Southbridge, Swampscott, Southborough, Sturbridge, Seekonk, Shutesbury, Shirley, Shelburne, Taunton Insane Hospital, Taunton, Williamstown, Westborough Insane Hospital, Wilmington, Winthrop, West Acton, Wilbraham, Wales, West Springfield and Wayland, 1 each,	51
Total,	6,368

The following table shows the number admitted each month, sex and age:—

MONTHS.	Totals.	Males.	Females.	Under 10.	Between 10 and 20.	Between 20 and 30.	Between 30 and 40.	Between 40 and 50.	Between 50 and 60.	Between 60 and 70.	Between 70 and 80.	Over 80.
1907.												
December,	636	503	133	57	42	99	103	149	113	49	21	3
1908.												
January,	640	510	130	43	43	106	130	147	95	58	13	5
February,	512	401	111	43	36	113	95	103	75	35	12	—
March,	528	390	138	53	35	111	101	98	67	36	18	9
April,	572	404	168	58	44	117	97	117	84	38	16	1
May,	566	429	137	46	28	100	105	131	91	43	18	4
June,	530	393	137	72	26	78	69	107	93	63	19	3
July,	525	365	160	63	27	87	86	107	84	50	20	1
August,	467	361	106	38	28	87	74	86	84	51	15	4
September,	412	286	126	33	19	73	67	91	71	42	13	3
October,	502	407	95	38	25	75	80	107	107	59	9	2
November,	478	378	100	35	32	85	72	94	83	53	22	2
Totals,	6,368	4,827	1,541	579	385	1,131	1,079	1,337	1,047	577	196	37

STATEMENT No. 2.

Nativity of Inmates.

Ireland,	1,796	Illinois and North Carolina,	
Massachusetts,	1,439	13 each,	26
British Provinces,	692	Denmark,	11
England,	337	California, District of Colum-	
Italy,	266	bia, Wales and Missouri,	
New York,	212	10 each,	40
Russia,	195	Iowa and Western Islands,	
Maine,	169	8 each,	16
New Hampshire,	105	Norway,	7
Scotland,	82	South Carolina, Belgium and	
Turkey,	78	Cape de Verde Islands, 6	
Rhode Island,	68	each,	18
Sweden,	67	Wisconsin, China, Alabama	
Vermont,	65	and Dakota, 5 each,	20
Austria,	63	Colorado, Tennessee, Aus-	
Connecticut,	62	tralia, Indiana, Roumania,	
Poland,	56	Spain and Florida, 4 each,	28
Germany,	49	Minnesota, Cuba, Texas,	
Pennsylvania,	47	Lithuania and at sea, 3	
Syria,	40	each,	15
Greece,	37	Louisiana, South America,	
Virginia and unknown, 30		Kentucky, Hungaria,	
each,	60	Arabia and Georgia, 2 each,	12
Finland,	26	Delaware, India, Argentine,	
Ohio,	23	Persia, Idaho, Africa,	
New Jersey and France, 18		United States, St. Helena,	
each,	36	Montana, Kansas, Ala-	
Portugal,	17	bama, Bermuda, Holland	
West Indies,	16	and Switzerland, 1 each,	14
Michigan and Armenia, 15			
each,	30		6,368
Maryland and Azores, 14			
each,	28		

STATEMENT No. 3.

Cash Disbursements.

Salaries, wages and labor (pay roll),	\$93,259 20
Food:—	
Butter, 20,668 pounds,	\$5,888 84
Butterine, 78,720 pounds,	6,979 65
Beans,	1,659 94

Amounts carried forward, \$14,528 43 \$93,259 20

<i>Amounts brought forward,</i>			\$14,528 43	\$93,259 20
Bread and crackers,	.	.	206 22	
Cereals, rice, meal, etc.,	.	.	3,702 94	
Cheese,	.	.	160 36	
Eggs, 27,242 dozen,	.	.	5,880 00	
Flour, 4,155 barrels,	.	.	19,601 56	
Fish,	.	.	5,117 47	
Fruit,	.	.	1,241 95	
Meats,	.	.	23,865 18	
Milk,	.	.	6,893 93	
Molasses and syrup,	.	.	816 02	
Sugar, 57,779 pounds,	.	.	3,529 99	
Tea, coffee and cocoa,	.	.	2,490 33	
Vegetables,	.	.	2,408 89	
Sundries,	.	.	2,629 20	
				93,072 47
Clothing and clothing material:—				
Boots, shoes and rubbers,	.	.	\$5,253 96	
Clothing,	.	.	4,077 00	
Dry goods for clothing, and small wares,	.	.	9,766 54	
Furnishing goods,	.	.	150 00	
Hats and caps,	.	.	272 93	
Leather and shoe findings,	.	.	518 53	
Sundries,	.	.	11 88	
				20,050 84
Furnishings:—				
Beds, bedding, table linen, etc.,	.	.	\$8,730 07	
Brushes, brooms, etc.,	.	.	635 51	
Crockery, glassware, cutlery, etc.,	.	.	848 92	
Furniture and upholstery,	.	.	967 04	
Kitchen furnishings,	.	.	591 26	
Wooden ware, buckets, pails, etc.,	.	.	348 27	
Sundries,	.	.	28 77	
				12,149 84
Heat, light and power:—				
Coal, 11,968 tons,	.	.	\$47,938 96	
Oil,	.	.	796 97	
Sundries,	.	.	36 50	
				48,772 43
Repairs and improvements:—				
Bricks,	.	.	\$163 75	
Cement, lime and plaster,	.	.	664 83	
<i>Amounts carried forward,</i>	.	.	\$828 58	\$267,304 78

<i>Amounts brought forward,</i>	\$828 58	\$267,304 78
Doors, sashes, etc.,	50 37	
Electrical work and supplies,	2,123 98	
Hardware,	1,678 07	
Lumber,	3,009 10	
Machinery, etc.,	1,866 87	
Paints, oils, glass, etc.,	3,208 25	
Plumbing and steam fitting supplies,	5,793 37	
Roofing and materials,	639 26	
Mechanics and laborers (not on pay roll),	2,413 15	
Sundries,	3,211 74	
	<hr/>	24,822 74
Farm, stable and grounds:—		
Blacksmith and supplies,	\$556 61	
Carriages, wagons and repairs,	620 68	
Fertilizers, vines, seeds, etc.,	1,321 68	
Hay, grain, etc.,	10,922 60	
Harness and repairs,	318 99	
Horses,	275 00	
Cows,	350 00	
Labor (not on pay roll),	5 16	
Tools, farm machines, etc.,	410 99	
Sundries,	268 23	
	<hr/>	15,049 94
Miscellaneous:—		
Books, periodicals, etc.,	\$167 42	
Chapel services and entertainments,	569 50	
Freight, expressage and transportation,	12,136 85	
Funeral expenses,	703 00	
Gratuities,	92 95	
Labor (not on pay roll),	30 00	
Medicines and hospital supplies,	14,489 07	
Medical attendance, nurses, etc. (extra),	245 00	
Postage,	516 08	
Printing and printing supplies,	1,079 29	
Soap and laundry supplies,	1,932 65	
Stationery and office supplies,	520 84	
School books and school supplies,	2 66	
Travel and expenses (officials),	684 02	
Telephone and telegraph,	469 16	
Tobacco,	1,723 62	
Sundries,	1,440 41	
	<hr/>	36,802 52
		<hr/>
		\$343,979 98

Under chapters 109 and 632, Acts of 1908, there was appropriated for current expenses and salaries the sum of \$330,000.

Expended under this appropriation during the year, . \$329,996 45

Expended in excess of appropriation during the year, . 13,983 53

Total expenditures for current expenses and salaries during the year, \$343,979 98

STATEMENT No. 4.

Products of Farm and Garden.

466 tons ensilage.	1 bushel mint.
1,300 tons ice.	14 bushels pears.
109 tons English hay.	13 bushels pickling cucumbers.
9 tons meadow hay.	11,624 cucumbers.
877 bushels potatoes.	1,177 heads lettuce.
183 bushels spinach.	$\frac{1}{2}$ bushel water cress.
88 bushels dandelions.	425 bunches asparagus.
13 bushels parsley.	571 bunches radishes.
62 bushels pease.	231 quarts blackberries.
80 bushels string beans.	904 quarts strawberries.
95 bushels shell beans.	5,243 pounds winter squash.
247 bushels sweet corn.	2,365 pounds summer squash.
646 bushels tomatoes.	3,070 pounds rhubarb.
402 bushels onions.	10 pounds horse-radish.
225 bushels parsnips.	138 barrels apples.
156 bushels carrots.	18,506 heads cabbage.
53 bushels beets.	630 heads celery.
309 bushels turnips.	

Meats, etc., slaughtered from the stock of the farm amounted to:—

21,347 pounds pork.	452 pounds poultry.
7,226 pounds beef.	399 pounds hides.

Dairy Products.

48,910 gallons milk.	5,290 dozen eggs.
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RECEIPTS AND EXPENDITURES.

Special Appropriations.

Of the appropriation made in 1904 for the construction of buildings for cases of infectious disease there was an unexpended balance of \$1,744.59.

Expended under this appropriation during the year,	. \$1,744 34
Balance unexpended,	. . . . . 25
	<hr/>
	\$1,744 59

Of the appropriation made in 1904 for a hospital for consumptives for women there was an unexpended balance of \$411.43.

Expended under this appropriation during the year,	. \$410 89
Balance unexpended,	. . . . . 54
	<hr/>
	\$411 43

Of the appropriation made in 1906 for the construction of a hospital ward there was an unexpended balance of \$19,282.81.

Expended under this appropriation during the year,	. \$13,949 98
Balance unexpended,	. . . . . 5,332 83
	<hr/>
	\$19,282 81

Of the appropriation made in 1906 for concrete walks there was an unexpended balance of \$1,011.02.

No expenditure has been made under this appropriation during the year.

Of the appropriation made in 1907 for the construction of a consumptives' ward there was an unexpended balance of \$19,395.29.

Expended under this appropriation during the year,	. \$18,916 99
Balance unexpended,	. . . . . 478 30
	<hr/>
	\$19,395 29

Under chapter 555, section 2, Acts of 1907, the sum of \$30,-
000 was appropriated for the construction of a children's ward.

Expended under this appropriation during the year,	\$20,325 67
Balance unexpended,	9,674 33

\$30,000 00

Income received from all sources,	\$1,038 53
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The above income paid to State Treasurer.

This may certify that we have examined the foregoing accounts of John H. Nichols, superintendent, with the Commonwealth, and find the same correctly cast and properly vouched.

JOS. A. SMART,
SARAH D. FISKE,
EMERY M. LOW,
ANNA F. PRESCOTT,
JOHN B. TIVNAN,
LEONARD HUNTRESS,
PAYSON W. LYMAN,

Trustees.

HOSPITAL STATISTICS.

Maternity Table.

MONTHS.	Total of Births.	Males.	Females.	STILL-BIRTHS.		LIVING BIRTHS.		Twins.	BIRTHPLACE OF MOTHERS.						
				Males.	Females.	Males.	Females.		United States.	Ireland.	England.	British Provinces.	Other Countries.	Totals.	
1907.															
December, .	17	9	8	2	—	7	8	2	7	4	—	3	1	15	
1908.															
January, .	18	5	13	1	—	4	13	—	6	—	3	6	3	18	
February, .	21	11	10	—	1	11	9	—	11	3	1	4	2	21	
March, . .	16	9	7	—	—	9	7	—	7	3	1	3	2	16	
April, . .	24	14	10	1	—	13	10	—	6	1	2	6	9	24	
May, . .	18	8	10	—	1	8	9	—	4	6	—	4	4	18	
June, . .	14	7	7	—	—	7	7	—	4	2	—	2	6	14	
July, . .	17	9	8	—	—	9	8	—	7	4	—	2	4	17	
August, . .	13	8	5	—	—	8	5	—	3	3	—	5	2	13	
September, .	18	11	7	2	2	10	4	1	6	2	1	2	6	17	
October, .	8	3	5	—	1	3	4	—	3	—	—	3	2	8	
November, .	18	11	7	—	—	11	7	—	4	2	2	1	9	18	
Totals, .	202	105	97	6	5	100	91	3	68	30	10	41	50	199	

TABLE OF DISEASES. *Medical.*

DISEASES.	PATIENTS.			DISCHARGED.					Still in Hospital.
	Totals.	Males.	Females.	Well.	Relieved.	Not relieved.	Out-patient Department.	Died.	
GENERAL DISEASES.									
Anæmia, pernicious,	6	5	1	-	4	-	-	-	2
Anæmia, secondary,	4	2	2	1	3	-	-	-	-
Anæmia, splenic,	1	1	-	-	1	-	-	-	-
Arthritis, deformans,	21	12	9	-	6	4	1	-	10
Arthritis, gonorrhœal,	19	19	-	-	17	-	-	-	2
Diabetes mellitus,	8	7	1	-	5	2	-	1	-
Diphtheria,	29	13	16	22	-	-	-	-	7
Hodgkin's disease,	4	4	-	-	-	1	-	3	-
Influenza, acute,	6	5	1	4	2	-	-	-	-
Influenza, chronic,	7	4	3	-	7	-	-	-	-
Leukæmia, splenic myelogenous,	1	1	-	-	-	-	-	-	1
Lumbago,	38	34	4	21	7	-	10	-	-
Malaria, tertian,	6	4	2	6	-	-	-	-	-
Malnutrition,	13	7	6	4	4	1	-	3	1
Marasmus,	15	8	7	-	1	-	-	14	-
Measles,	52	23	29	52	-	-	-	-	-
Myalgia,	7	7	-	3	2	-	2	-	-
Osteo-arthritis,	8	8	-	-	8	-	-	-	-
Pertussis,	29	10	19	8	-	-	-	1	20
Pyæmia,	1	1	-	-	-	-	-	-	-
Rachitis,	7	4	3	-	5	2	-	1	-
Rheumatism, acute articular,	45	41	4	23	15	-	-	-	7
Rheumatism, chronic,	58	43	15	-	42	3	12	-	1
Sapremia,	1	1	-	-	-	-	-	1	-
Scarlet fever,	2	-	2	2	-	-	-	-	-
Septicæmia,	4	3	1	-	-	-	-	3	1
Syphilis, hereditary,	23	13	10	-	3	-	-	16	4
Syphilis, secondary,	92	70	22	-	78	2	-	-	12
Syphilis, tertiary,	45	30	15	-	39	2	-	-	4
Torticollis,	3	2	1	-	2	-	1	-	-
Tuberculosis, acute miliary,	5	3	2	-	-	-	-	5	-
Tuberculosis, general,	30	27	3	-	-	-	-	28	2
Typhoid fever,	15	10	5	11	-	-	-	1	3
Typhoid fever, convalescent,	3	2	1	2	1	-	-	-	-
DISEASES OF NERVOUS SYSTEM.									
<i>Diseases of brain and membranes:—</i>									
Acromegaly,	1	1	-	-	-	-	-	-	1
Brain tumor,	4	1	3	-	-	-	-	2	2
Bullet wound of brain,	1	1	-	-	-	-	-	1	-
Cerebral embolism,	1	1	-	-	-	-	-	-	1
Cerebral hemorrhage,	37	27	10	-	12	-	-	25	-
Cerebral thrombosis,	5	4	1	-	-	1	-	3	1
Concussion of brain,	1	-	1	1	-	-	-	-	-
General paralysis of insane,	7	6	1	-	-	5	-	2	-
Gumma of brain,	3	3	-	-	-	-	-	3	-
Hemiplegia,	56	44	12	-	21	11	6	5	13
Hydrocephalus,	1	1	-	-	-	-	-	-	1
Meningitis, cerebro-spinal,	1	1	-	-	-	-	-	1	-
Meningitis, chronic lepto,	2	1	1	-	-	-	-	2	-
Meningitis, tuberculous,	2	1	1	-	-	-	-	2	-
<i>Diseases of spinal cord and nerves:—</i>									
Amyotrophic lateral sclerosis,	3	2	1	-	-	3	-	-	-
Caisson disease,	1	1	-	-	-	-	-	-	1
Hemorrhage into cord,	1	1	-	-	1	-	-	-	-
Locomotor ataxia,	31	30	1	-	11	10	8	-	2
Myelitis, chronic,	1	-	1	-	-	-	-	1	-
Myelitis, transverse,	9	6	3	-	3	3	-	2	1
Neuritis, alcoholic,	18	14	4	-	15	1	-	-	2
Neuritis, peripheral,	8	7	1	-	7	-	-	-	1
Paralysis, facial nerve,	5	2	3	-	2	2	1	-	-
Paralysis, musculo-spiral,	6	5	1	-	5	-	1	-	-
Paralysis, pneumogastric,	2	2	-	-	-	-	-	2	-
Paralysis, Volkman's,	1	1	-	-	1	-	-	-	-

TABLE OF DISEASES. *Medical* — Continued.

DISEASES.	PATIENTS.			DISCHARGED.					Still in Hospital.
	Totals.	Males.	Females.	Well.	Relieved.	Not relieved.	Out-patient Department.	Died.	
DISEASES OF NERVOUS SYSTEM — Con.									
<i>Diseases of spinal cord and nerves — Con.</i>									
Paraplegia,	6	6	-	-	2	3	-	-	-
Paraplegia, ataxic,	1	1	-	-	-	1	-	-	-
Paraplegia, spastic,	2	2	-	-	1	-	-	-	-
Poliomyelitis, chronic anterior,	4	4	-	-	-	2	1	-	-
Sciatica,	9	9	-	1	7	-	1	-	-
Sclerosis combined,	2	2	-	-	1	1	-	-	-
Sclerosis disseminated,	1	-	1	-	-	-	-	-	-
Syphilis of cord,	1	1	-	-	-	-	-	-	-
<i>Functional diseases of nervous system: —</i>									
Chorea,	4	2	2	1	-	-	-	-	-
Epilepsy,	12	9	3	-	3	8	-	1	-
Hysteria,	2	1	1	-	2	-	-	-	-
Hypochondriasis,	2	2	-	-	2	-	-	-	-
Neurasthenia,	15	12	3	-	12	3	-	-	-
Paralysis agitans,	1	1	-	-	-	-	-	-	-
<i>Diseases of intellect: —</i>									
Deaf mutism,	2	1	1	-	-	2	-	-	-
Feeble-minded,	9	5	4	-	-	8	-	-	-
Insane, unclassified,	44	28	16	-	-	44	-	-	-
DISEASES OF CIRCULATORY SYSTEM.									
<i>Diseases of heart: —</i>									
Acute dilatation,	1	1	-	-	-	-	-	1	-
Angina pectoris,	2	2	-	-	-	-	-	1	-
Aortic insufficiency,	10	10	-	-	8	-	-	2	-
Aortic stenosis,	1	1	-	-	1	-	-	-	-
Aortic and mitral insufficiency,	20	15	5	-	14	-	1	3	-
Aortic stenosis and insufficiency,	4	2	2	-	3	-	1	-	-
Congenital heart disease,	2	-	2	-	-	1	-	1	-
Endocarditis, acute,	3	3	-	-	3	-	-	-	-
Mitral insufficiency,	267	191	76	-	193	9	29	31	-
Mitral stenosis,	2	1	1	-	2	-	-	-	-
Mitral stenosis and insufficiency,	4	2	2	-	3	-	-	1	-
Myocarditis, chronic,	85	72	13	-	35	2	14	32	-
Pericarditis, tuberculous,	1	1	-	-	-	-	-	1	-
<i>Diseases of arteries and veins: —</i>									
Aneurism aorta,	2	2	-	-	-	2	-	-	-
Arterio-sclerosis,	140	98	42	-	32	31	25	42	-
Phlebitis of leg,	4	2	2	1	2	-	-	-	-
Varicose veins,	91	88	3	28	1	11	41	-	-
DISEASES OF RESPIRATORY SYSTEM.									
<i>Diseases of nose, larynx and bronchi: —</i>									
Asthma, bronchial,	30	27	3	-	25	1	1	-	-
Bronchitis, acute,	191	159	32	149	24	-	17	-	-
Bronchitis, chronic,	99	80	19	-	89	1	6	2	-
Coryza,	5	3	2	4	1	-	-	-	-
Laryngitis, acute,	1	1	-	1	-	-	-	-	-
Laryngitis, tuberculous,	1	1	-	-	-	-	-	1	-
Membranous croup,	1	1	-	-	-	-	-	1	-
Nasal polypi,	1	1	-	-	1	-	-	-	-
Rhinitis, atrophic,	1	-	1	-	-	-	1	-	-
<i>Diseases of lungs: —</i>									
Abscess,	4	3	1	-	2	-	-	2	-
Atelectasis,	2	1	1	-	-	-	-	2	-
Emphysema,	15	15	-	-	12	3	-	-	-
Phthisis,	945	813	132	4	361	82	-	257	241
Pneumonia, broncho,	23	12	11	6	-	-	-	15	2
Pneumonia, lobar,	52	37	15	23	-	-	-	27	2
Pulmonary embolus,	2	1	1	-	-	-	-	2	-

TABLE OF DISEASES. *Medical* — Continued.

DISEASES.	PATIENTS.			DISCHARGED.					Still in Hospital.
	Totals.	Males.	Females.	Well.	Relieved.	Not relieved.	Out-patient Department.	Died.	
DISEASES OF RESPIRATORY SYSTEM— <i>Con.</i>									
<i>Diseases of pleura:—</i>									
Empyema,	13	11	2	1	7	3	—	—	2
Pleurisy, acute,	21	21	—	6	13	2	—	—	—
Pleurisy, chronic,	9	9	—	—	7	2	—	—	—
Pleurisy with effusion,	14	12	2	1	12	—	—	—	1
DISEASES OF DIGESTIVE SYSTEM.									
<i>Diseases of fauces and pharynx:—</i>									
Abscess, peritonsillar,	3	2	1	3	—	—	—	—	—
Pharyngitis, acute,	9	9	—	9	—	—	—	—	—
Stomatitis, acute,	5	3	2	4	—	—	—	—	1
Stomatitis, gangrenous,	3	—	3	—	—	—	—	3	—
Tonsilitis, follicular,	6	6	—	6	—	—	—	—	—
Tonsilitis, chronic hypertrophic,	27	18	9	7	5	13	1	—	1
<i>Diseases of stomach:—</i>									
Gastritis, acute,	8	6	2	7	1	—	—	—	—
Gastritis, alcoholic,	4	4	—	3	1	—	—	—	—
Gastritis, chronic,	11	9	2	—	9	1	1	—	—
Ulcer,	2	1	1	—	1	—	—	1	—
<i>Diseases of intestines:—</i>									
Catarrhal dysentery,	11	11	—	2	—	—	—	8	1
Constipation,	8	7	1	1	7	—	—	—	—
Enteritis, acute,	61	51	10	53	—	—	—	5	3
Enteritis, chronic,	6	5	1	—	4	—	—	1	1
Enteritis, tuberculous,	2	—	2	—	—	—	—	1	—
Enterocolitis, acute,	5	5	—	1	—	—	—	4	—
Gastro-duodenitis, acute,	1	1	—	1	—	—	—	—	—
Ileo-colitis, acute,	32	16	16	15	—	—	—	17	—
Indigestion, intestinal,	1	1	—	—	1	—	—	—	—
Intestinal obstruction, acute,	1	1	—	—	—	—	—	1	—
Intestinal obstruction, chronic,	1	1	—	—	—	—	—	1	—
Pruritus ani,	2	2	—	1	—	—	1	—	—
Tuberculosis, intestine,	3	3	—	—	—	—	—	3	—
<i>Diseases of liver and ducts:—</i>									
Cholelithiasis,	2	1	1	—	1	—	—	—	1
Cirrhosis,	10	9	1	—	3	3	—	2	2
<i>Diseases of peritoneum:—</i>									
Peritonitis, general,	3	3	—	—	—	—	—	3	—
Peritonitis, tuberculous,	4	2	2	—	1	2	—	1	—
Tabes mesenterica,	1	1	—	—	—	—	—	—	1
DISEASES OF URINARY SYSTEM.									
<i>Diseases of kidney:—</i>									
Floating kidney,	1	1	—	—	1	—	—	—	—
Glycosuria,	1	1	—	—	1	—	—	—	—
Nephritis, acute,	7	5	2	2	5	—	—	—	—
Nephritis, chronic,	24	20	4	—	8	—	—	13	3
Nephritis, chronic diffuse,	9	9	—	—	7	—	—	2	—
Nephritis, chronic interstitial,	3	3	—	—	2	—	—	1	—
Pyelo-nephritis, acute,	2	—	2	1	—	—	—	1	—
Uræmia,	12	12	—	—	—	—	—	11	1
<i>Diseases of bladder:—</i>									
Cystitis, acute,	3	1	2	1	2	—	—	—	—
Cystitis, chronic,	7	7	—	—	5	—	—	—	2
Extrophy of bladder,	1	1	—	—	—	1	—	—	—
Incontinence,	2	2	—	2	—	—	—	—	—
DISEASES OF WOMEN.									
<i>Diseases of uterus:—</i>									
Prolapse,	1	—	1	—	—	1	—	—	—
Retroversion,	2	—	2	—	2	—	—	—	—

TABLE OF DISEASES. *Medical* — Concluded.

DISEASES.	PATIENTS.			DISCHARGED.					Still in Hospital.
	Totals.	Males.	Females.	Well.	Relieved.	Not relieved.	Out-patient Department.	Died.	
DISEASES OF WOMEN — <i>Con.</i>									
<i>Diseases of pregnancy: —</i>									
Abortion,	2	—	2	2	—	—	—	—	—
Abortion, convalescent,	1	—	1	1	—	—	—	—	1
Albuminuria,	2	—	2	1	—	—	—	—	—
Eclampsia,	1	—	1	1	—	—	—	—	—
Post partum hemorrhage,	2	—	2	—	—	—	—	2	—
Puerperal fever,	1	—	1	—	—	—	—	—	1
DISEASES OF SKIN.									
Acne,	4	1	3	—	4	—	—	—	—
Cloasma,	1	1	—	—	—	—	—	—	1
Dermatitis, exfoliativa,	4	3	1	1	3	—	—	—	—
Dermatitis, simplex,	5	5	—	3	—	—	2	—	—
Dermatitis, venenata,	7	7	—	4	3	—	—	—	—
Eczema, acute,	10	7	3	7	3	—	—	—	—
Eczema, chronic,	27	20	7	1	19	—	7	—	—
Erysipelas,	2	1	1	1	—	—	—	1	—
Erysipelas, facial,	13	11	2	13	—	—	—	—	—
Furunculosis,	19	18	1	17	2	—	—	—	—
Herpes zoster,	1	1	—	1	—	—	—	—	—
Impetigo contagiosa,	51	45	6	47	1	—	—	—	3
Intertrigo,	2	2	—	—	2	—	—	—	—
Lupus, face,	2	2	—	—	2	—	—	—	—
Pediculi capitis,	25	17	8	20	—	—	5	—	—
Pediculi corporis,	37	34	3	34	—	—	3	—	—
Pemphigus neonatorum,	1	—	1	—	—	—	—	1	—
Psoriasis,	12	12	—	—	12	—	—	—	—
Scabies,	80	57	23	72	3	—	—	—	5
Sebaceous cyst,	1	1	—	1	—	—	—	—	—
Seborrhœa capitis,	1	1	—	1	—	—	—	—	—
Tinea, circinata,	2	2	—	2	—	—	—	—	—
Tinea, favosa,	1	1	—	—	—	—	—	—	1
Tinea, sycosis,	4	4	—	3	1	—	—	—	—
Urticaria,	1	1	—	1	—	—	—	—	—
POISONING.									
Alcoholism,	493	445	48	413	34	—	38	1	7
Bromism,	1	1	—	—	1	—	—	—	—
Delirium tremens,	13	8	5	11	—	—	—	1	1
Iodism,	1	1	—	1	—	—	—	—	—
Lead, chronic,	1	1	—	—	1	—	—	—	—
Morphinism,	20	17	3	—	16	1	—	—	3
Morphine and cocaine,	1	1	—	—	1	—	—	—	—
MEDICAL, UNCLASSIFIED.									
Cephal hæmatoma,	1	1	—	—	—	—	—	1	—
Debility,	30	15	15	—	25	—	3	—	2
Hemorrhage, new born,	2	1	1	—	—	—	—	2	—
Inanition, acute,	3	1	2	—	—	—	—	3	—
Living births,	191	100	91	191	—	—	—	—	—
No disease,	537	411	126	—	—	—	524	—	13
Parturition,	199	—	199	199	—	—	—	—	—
Parturition, convalescent,	25	—	25	12	—	—	—	—	13
Pregnancy,	227	—	227	—	—	—	227	—	—
Premature birth,	2	—	2	—	—	—	—	2	—
Senility,	9	9	—	—	—	6	1	—	2
Total medical,	5,387	3,878	1,509	1,566	1,412	304	993	646	466

TABLE OF DISEASES. *Surgical.*

DISEASES.	PATIENTS.			DISCHARGED.						Still in Hospital.	
	Totals.	Males.	Females.	Well.	Relieved.	Not relieved.	Out-patient Department.	Died.			
LOCAL DISEASES.											
<i>Diseases of digestive system:—</i>											
Abscess, ischio-rectal,	6	6	—	1	5	—	—	—	—	—	—
Appendicitis,	13	5	8	10	—	2	—	—	—	—	1
Cancer, intestine,	3	—	3	—	—	—	—	—	3	—	—
Cancer, lip,	3	3	—	2	1	—	—	—	—	—	—
Cancer, liver,	1	1	—	—	—	—	—	—	1	—	—
Cancer, rectum,	2	1	1	—	—	1	—	—	—	—	—
Cancer, stomach,	14	12	2	—	—	—	—	—	13	—	1
Cancer, tongue,	2	2	—	—	—	1	—	—	1	—	—
Fistula in ano,	13	12	1	2	9	1	1	—	—	—	—
Hernia, femoral,	2	1	1	—	—	1	—	—	—	—	—
Hernia, inguinal,	92	92	—	24	—	18	43	—	—	—	7
Hernia, umbilical,	3	3	—	1	—	1	1	—	—	—	—
Hernia, ventral,	5	—	5	—	—	3	—	—	—	—	—
Hemorrhoids,	22	20	2	6	10	2	2	—	—	—	2
Stricture, pylorus,	1	1	—	—	—	—	—	—	—	—	1
<i>Diseases of absorbent system:—</i>											
Adenitis, inguinal,	19	18	1	9	8	—	1	—	—	—	1
Adenitis, tuberculous,	5	4	1	1	2	2	—	—	—	—	—
Cellulitis, arm,	2	2	—	1	—	—	—	—	—	—	1
Cellulitis, leg,	7	6	1	7	—	—	—	—	—	—	—
<i>Diseases and injuries of skin:—</i>											
Burns,	13	12	1	11	1	—	—	—	—	—	1
Frost bite, foot,	9	8	1	8	—	—	—	—	—	—	1
Frost bite, face,	2	2	—	2	—	—	—	—	—	—	—
Frost bite, hand,	2	2	—	2	—	—	—	—	—	—	—
<i>Diseases of male and female genito-urinary organs:—</i>											
Abscess, periurethral,	1	1	—	1	—	—	—	—	—	—	—
Abscess, vulvo-vaginal,	2	—	2	2	—	—	—	—	—	—	—
Cancer, cervix,	3	—	3	—	—	1	—	—	2	—	—
Cancer, penis,	4	4	—	—	1	2	—	—	1	—	—
Cancer, uterus,	6	—	6	—	—	3	—	—	2	—	1
Chancroids,	45	42	3	22	19	—	3	—	—	—	1
Endocervicitis,	1	—	1	—	1	—	—	—	—	—	—
Endometritis,	3	—	3	1	2	—	—	—	—	—	—
Epididymitis,	9	9	—	7	2	—	—	—	—	—	—
Fibroid uterus,	3	—	3	—	—	1	—	—	—	—	2
Gleet,	16	16	—	—	11	2	3	—	—	—	—
Gonorrhœa,	79	77	2	2	69	—	5	—	—	—	3
Hydrocele,	16	16	—	2	4	5	5	—	—	—	—
Hydrocele of cord,	1	1	—	1	—	—	—	—	—	—	—
Laceration, cervix,	1	—	1	—	—	—	—	—	—	—	1
Laceration, perineum,	1	—	1	1	—	—	—	—	—	—	—
Orchitis,	5	5	—	5	—	—	—	—	—	—	—
Ovarian cyst,	1	—	1	—	—	—	—	—	—	—	1
Phimosis,	14	14	—	7	2	2	3	—	—	—	—
Prostate hypertrophied,	6	6	—	—	4	1	—	—	—	—	1
Prostatitis, acute,	1	1	—	—	1	—	—	—	—	—	—
Prostatectomy, convalescent,	1	1	—	—	—	—	—	—	—	—	1
Salpingitis,	1	—	1	1	—	—	—	—	—	—	—
Sarcoma, kidney,	1	1	—	—	—	—	—	—	1	—	—
Stricture, urethra,	22	22	—	—	16	2	—	—	—	—	4
Tuberculosis, testicle,	1	1	—	—	1	—	—	—	—	—	—
Tuberculosis, prostate,	1	1	—	—	1	—	—	—	—	—	—
Vaginitis,	30	—	30	12	11	—	—	—	—	—	7
Varicocele,	9	9	—	1	—	4	4	—	—	—	—
Venereal warts,	3	—	3	—	3	—	—	—	—	—	—
<i>Disease of female breast:—</i>											
Abscess,	9	—	9	9	—	—	—	—	—	—	—
Cancer,	2	—	2	—	1	—	—	1	—	—	—

TABLE OF DISEASES. *Surgical*—Continued.

DISEASES.	PATIENTS.			DISCHARGED.					Still in Hospital.
	Totals.	Males.	Females.	Well.	Relieved.	Not relieved.	Out-patient Department.	Died.	
LOCAL DISEASES — <i>Con.</i>									
<i>Diseases of eye and ear: —</i>									
Atrophy optic nerve,	5	5	—	—	—	5	—	—	—
Cataract,	6	6	—	—	—	—	6	—	—
Conjunctivitis, acute,	22	17	5	16	5	—	—	—	1
Conjunctivitis, chronic,	9	9	—	4	3	2	—	—	—
Epithelioma, ear,	1	1	—	—	1	—	—	—	—
Iritis, rheumatic,	8	8	—	1	6	1	—	—	—
Keratitis,	6	5	1	—	6	—	—	—	—
Ophthalmia neonatorum,	2	2	—	2	—	—	—	—	—
Otitis media, acute,	3	3	—	3	—	—	—	—	—
Otitis media, chronic,	10	7	3	—	5	3	1	—	1
Pterygium,	2	2	—	—	—	—	2	—	—
Trachoma,	1	1	—	—	1	—	—	—	—
Ulcer, corneal,	6	5	1	—	3	2	—	—	1
<i>Diseases of head, neck and face: —</i>									
Abscess, face,	3	2	1	3	—	—	—	—	—
Abscess, neck,	6	6	—	3	3	—	—	—	—
Adenitis, cervical,	4	3	1	2	1	—	—	—	1
Adenoids,	8	5	3	5	1	—	—	—	2
Cancer, face,	9	8	1	1	3	1	—	4	—
Cancer, jaw,	3	3	—	—	—	—	—	—	1
Cancer, larynx,	3	3	—	—	—	—	—	3	—
Cancer, neck,	1	1	—	—	1	—	—	—	—
Carbuncle, arm,	1	1	—	1	—	—	—	—	—
Carbuncle, neck,	5	4	1	4	1	—	—	—	—
Cellulitis, face,	1	1	—	—	—	—	—	1	—
Cleft palate,	1	1	—	—	1	—	—	—	—
Hair lip,	1	1	—	—	1	—	—	—	—
Rupture ligamentum nuchæ,	1	1	—	—	—	—	—	—	1
Sarcoma, neck,	1	1	—	—	—	—	—	1	—
Sarcoma, throat,	1	1	—	—	—	—	—	1	—
Tuberculous glands, neck,	6	6	—	1	5	—	—	—	—
<i>Diseases of spine: —</i>									
Potts' disease,	7	5	2	—	6	—	—	—	1
Psoas abscess,	3	1	2	—	2	—	—	1	—
Scoliosis,	3	3	—	—	—	2	1	—	—
Tuberculosis, spine,	1	1	—	—	—	—	—	1	—
<i>Diseases of bones and joints: —</i>									
Arthritis, tuberculous,	1	1	—	—	—	—	—	1	—
Bursitis, knee,	2	2	—	2	—	—	—	—	—
Necrosis, tibia,	1	1	—	—	—	—	—	—	1
Osteomyelitis, femur,	3	3	—	—	2	—	—	—	1
Osteomyelitis, humerus,	2	2	—	—	—	—	—	—	2
Osteomyelitis, tibia,	6	6	—	—	5	—	—	—	1
Sarcoma, shoulder,	1	1	—	—	—	1	—	—	—
Subluxation, knee,	1	1	—	—	1	—	—	—	—
Tuberculosis, ankle,	2	1	1	—	1	1	—	—	—
Tuberculosis, elbow,	2	2	—	—	2	—	—	—	—
Tuberculosis, hip,	12	10	2	—	5	4	—	—	3
Tuberculosis, knee,	3	2	1	—	1	—	—	—	2
Tuberculosis, radius,	1	1	—	—	—	—	—	—	1
Tuberculosis, wrist,	1	—	1	—	1	—	—	—	—
<i>Diseases of upper and lower extremities: —</i>									
Abscess, axilla,	7	7	—	5	2	—	—	—	—
Abscess, leg,	6	5	1	5	1	—	—	—	—
Bow legs,	4	2	2	2	—	—	—	—	2
Dupuytren's contraction,	1	1	—	—	1	—	—	—	—
Dactylitis, tubercu ous,	1	1	—	—	1	—	—	—	—
Flat foot,	95	93	2	—	44	51	—	—	—
Gangrene, foot,	1	1	—	—	—	—	—	—	1
Gangrene, leg,	3	2	1	—	—	—	—	3	—
Hallux valgus,	3	3	—	—	—	3	—	—	—
Morton's disease,	1	1	—	—	1	—	—	—	—

TABLE OF DISEASES. *Surgical* — Continued.

DISEASES.	PATIENTS.			DISCHARGED.						Still in Hospital.	
	Totals.	Males.	Females.	Well.	Relieved.	Not relieved.	Out-patient Department.	Died.			
LOCAL DISEASES — Con.											
<i>Diseases of upper and lower extremities — Con.</i>											
Sarcoma, axilla,	1	1	—	—	—	—	—	—	—	1	
Sarcoma, thigh,	2	2	—	—	—	—	—	—	—	2	
Subdeltoid bursitis,	8	8	—	3	5	—	—	—	—	—	
Synovitis, knee,	19	16	3	8	9	—	—	—	—	2	
Talipes equinovarus,	4	4	—	1	—	2	1	—	—	—	
Tenosynovitis,	1	1	—	—	1	—	—	—	—	—	
Ulcer, chronic,	102	85	17	9	72	—	18	—	—	3	
<i>General injuries: —</i>											
Abrasions,	36	30	6	7	—	—	29	—	—	—	
Contusions,	71	59	12	14	1	—	55	—	—	1	
<i>Injuries of head, chest and back: —</i>											
Fracture, jaw,	6	5	1	2	3	—	—	—	—	1	
Fracture, malar bone,	1	1	—	—	—	—	—	—	—	—	
Fracture, nose,	2	2	—	1	1	—	—	—	—	—	
Fracture, ribs,	22	19	3	18	2	—	—	—	—	2	
Fracture, ribs, convalescent,	1	1	—	—	—	—	1	—	—	—	
Fracture, skull,	2	2	—	1	1	—	—	—	—	—	
Fracture, spine,	2	2	—	—	—	—	—	1	—	1	
Incised wound, face,	2	2	—	2	—	—	—	—	—	—	
Injury of spine,	3	2	1	1	1	—	1	—	—	—	
Scalp wound,	20	19	1	14	2	—	3	—	—	1	
Septic wound, face,	11	11	—	9	2	—	—	—	—	—	
Septic wound, head,	7	7	—	6	—	—	—	—	—	1	
Sprain, back,	4	4	—	2	—	—	2	—	—	—	
<i>Injuries of upper extremities: —</i>											
Amputation, finger,	1	1	—	—	—	—	1	—	—	—	
Dislocation, clavicle,	1	1	—	1	—	—	—	—	—	—	
Dislocation, elbow,	1	1	—	1	—	—	—	—	—	—	
Dislocation and fracture, humerus,	1	1	—	—	1	—	—	—	—	—	
Dislocation, shoulder,	3	3	—	2	—	1	—	—	—	—	
Dislocation, shoulder, convalescent,	4	4	—	1	3	—	—	—	—	—	
Dislocation, shoulder, old,	1	1	—	1	—	—	—	—	—	—	
Fracture, clavicle,	2	2	—	2	—	—	—	—	—	—	
Fracture, Colles,	5	4	1	4	1	—	—	—	—	—	
Fracture, humerus,	13	12	1	8	5	—	—	—	—	—	
Fracture, humerus, convalescent,	2	—	2	—	2	—	—	—	—	—	
Fracture, metacarpal,	8	8	—	6	2	—	—	—	—	—	
Fracture, phalanx,	1	1	—	1	—	—	—	—	—	—	
Fracture, scapula,	1	1	—	1	—	—	—	—	—	—	
Fracture, ulna,	2	2	—	2	—	—	—	—	—	—	
Incised wound, hand,	3	3	—	3	—	—	—	—	—	—	
Injury, arm,	1	1	—	—	1	—	—	—	—	—	
Injury, shoulder,	6	6	—	3	1	—	2	—	—	—	
Septic wound, arm,	14	13	1	11	3	—	—	—	—	—	
Septic wound, hand,	18	17	1	15	2	—	1	—	—	—	
Sprain, wrist,	5	5	—	3	1	—	1	—	—	—	
<i>Injuries of lower extremities: —</i>											
Amputation, leg, convalescent,	1	1	—	1	—	—	—	—	—	—	
Amputation, toe,	1	1	—	1	—	—	—	—	—	—	
Dislocation, ankle,	1	—	1	1	—	—	—	—	—	—	
Fracture, external malleolus,	3	3	—	3	—	—	—	—	—	—	
Fracture, femur,	5	3	2	1	1	—	—	—	—	3	
Fracture, femur, convalescent,	4	4	—	4	—	—	—	—	—	—	
Fracture, fibula,	4	4	—	2	2	—	—	—	—	—	
Fracture, fibula, convalescent,	1	1	—	1	—	—	—	—	—	—	
Fracture, hip,	1	1	—	1	—	—	—	—	—	—	
Fracture, hip, impacted,	2	2	—	—	2	—	—	—	—	—	
Fracture, hip, convalescent,	1	1	—	1	—	—	—	—	—	—	
Fracture, metatarsal,	4	4	—	2	2	—	—	—	—	—	
Fracture, patella, convalescent,	2	2	—	1	1	—	—	—	—	—	
Fracture, phalanx,	1	1	—	1	—	—	—	—	—	—	

TABLE OF DISEASES. *Surgical* — Concluded.

DISEASES.	PATIENTS.			DISCHARGED.					Still in Hospital.
	Totals.	Males.	Females.	Well.	Relieved.	Not relieved.	Out-patient Department.	Died.	
LOCAL DISEASES.—Con.									
<i>Injuries of lower extremities — Con.</i>									
Fracture, Pott's,	13	12	1	9	4	—	—	—	—
Fracture, Pott's, convalescent,	5	5	—	3	1	—	1	—	—
Fracture, tarsal,	1	1	—	1	—	—	—	—	—
Fracture, tibia,	4	4	—	3	1	—	—	—	—
Fracture, tibia, convalescent,	2	2	—	—	1	—	1	—	—
Fracture, tibia and fibula,	5	5	—	4	1	—	—	—	—
Fracture, tibia and fibula, convalescent,	2	2	—	1	1	—	—	—	—
Injury, foot,	4	4	—	2	1	—	1	—	—
Injury, hip,	2	1	1	—	—	—	2	—	—
Injury, knee,	3	2	1	2	1	—	—	—	—
Septic wound, foot,	40	38	2	24	8	—	5	—	3
Septic wound, leg,	26	21	5	20	5	—	—	—	1
Sprain, ankle,	26	22	4	13	11	—	2	—	—
Sprain, leg,	4	4	—	3	—	—	1	—	—
SURGICAL, UNCLASSIFIED.									
Abscess, back,	1	1	—	1	—	—	—	—	—
Abscess, buttock,	1	1	—	1	—	—	—	—	—
Dog bite (rabid),	19	16	3	13	—	—	—	—	6
Fecal fistula,	2	1	1	—	1	1	—	—	—
Sarcoma, buttock,	1	—	1	—	—	—	—	1	—
Sinus, abdomen,	3	3	—	—	2	—	—	—	1
Sinus, foot,	2	2	—	—	1	—	1	—	—
Sinus, leg,	1	1	—	—	1	—	—	—	—
Total surgical,	1,467	1,264	203	505	479	135	210	46	92
Total medical,	5,387	3,878	1,509	1,566	1,412	304	993	646	466
Total medical and surgical,	6,854	5,142	1,712	2,071	1,891	439	1,203	692	558

SURGICAL OPERATIONS.

OPERATIONS.	Well.	Relieved.	Not relieved.	Died.	Totals.
OPERATIONS ON HEAD, NECK AND FACE.					
Excision, cancer of face,	1	3	1	-	5
Excision, cancer of lip,	2	2	-	-	4
Excision, cancer of submaxillary gland,	-	1	-	-	1
Excision, cancer of neck,	-	1	-	-	1
Excision, carbuncle of neck,	3	-	-	-	3
Excision, cervical glands,	8	2	2	-	12
Excision, wen,	3	-	-	-	3
Partial excision, tongue,	-	-	1	-	1
Plastic operation of scalp,	-	1	-	-	1
Tracheotomy,	1	-	-	-	1
OPERATIONS ON MOUTH, NOSE AND THROAT.					
Adenoids removed,	18	1	-	-	19
Cleft palate repaired,	-	1	-	-	1
Excision, nasal polypi,	1	-	-	-	1
Tonsilotomy,	17	1	-	-	18
OPERATIONS ON CHEST WALL.					
Amputation, breast,	1	-	-	-	1
Excision, axillary glands,	1	-	-	-	1
Excision, carbuncle, back,	1	-	-	-	1
Intrathoracic massage of heart,	-	-	2	-	2
Paracentesis,	-	22	-	-	22
Resection, rib,	2	-	-	-	2
ABDOMINAL OPERATIONS.					
Appendectomy,	8	1	2	-	11
Hernia, femoral, radical cure,	1	-	-	-	1
Hernia, inguinal, radical cure,	34	1	-	-	35
Hernia, umbilical, radical cure,	1	-	-	-	1
Hernia, ventral, radical cure,	2	-	-	-	2
Laparotomy, exploratory,	-	-	1	-	1
Paracentesis,	-	10	-	-	10
Resection, intestine,	-	-	1	-	1
Sub-diaphragmatic massage of heart,	-	-	1	-	1
OPERATIONS ON RECTUM AND ANUS.					
Clamp and cautery, hemorrhoids,	9	-	-	-	9
Excision, fistula,	4	-	-	-	4
Incision, ischio-rectal abscess,	2	3	-	-	5
Whitehead operation, hemorrhoids,	2	-	-	-	2
OPERATIONS ON GENITO-URINARY SYSTEM.					
Amputation, penis,	-	1	-	-	1
Circumcision,	29	1	-	-	30
Hydrocele, radical cure,	6	-	-	-	6
Hydrocele, tapped,	-	9	-	-	9
Perineal section,	-	9	-	-	9
Prostatectomy,	-	1	-	-	1
Suprapubic cystotomy,	-	1	-	-	1
Varicocele, radical cure,	1	-	-	-	1
GYNÆCOLOGICAL OPERATIONS.					
Curettage uterus,	2	-	-	-	2
Hysterectomy, vaginal,	-	-	1	-	1
Perineorrhaphy,	2	-	-	-	2
Salpingectomy,	1	-	-	-	1
Salpingo-oöphorectomy,	1	-	-	-	1
Trachelorrhaphy,	1	-	-	-	1
OPERATIONS ON EXTREMITIES.					
Amputation, arm,	-	1	-	-	1
Amputation, finger,	3	-	-	-	3
Amputation, leg,	4	2	1	-	7
Amputation, thigh,	2	1	-	-	3
Amputation, toe,	2	1	-	-	3
Excision, exostosis,	1	-	-	-	1

SURGICAL OPERATIONS — Concluded.

OPERATIONS.	Well.	Relieved.	Not relieved.	Died.	Totals.
OPERATIONS ON EXTREMITIES — Concluded.					
Excision, head of humerus,	-	1	-	-	1
Excision, ingrowing toe nail,	3	1	-	-	4
Excision, nerve stump,	1	-	-	-	1
Excision, palmar fascia,	-	1	-	-	1
Excision, radius,	-	-	1	-	1
Excision, subdeltoid bursa,	-	1	-	-	1
Excision, varicose veins,	44	7	1	-	45
Multiple incisions,	7	2	-	-	9
Osteotomy,	5	4	-	-	9
Resection, femur,	-	1	-	-	1
Sequestrectomy,	3	2	-	-	5
Skin graft, Thiersch,	14	2	-	-	16
Tenorrhaphy,	-	3	-	-	3
Tenotomy, simple,	-	1	-	-	1
Tenotomy, tendo Achilles,	7	-	-	-	7
Wiring femur,	-	1	1	-	2
MISCELLANEOUS OPERATIONS.					
Blood-transfusion,	-	1	1	-	2
Curettage, carbuncle,	-	1	1	-	2
Curettage, ulcer,	-	1	-	-	1
Excision, coccyx,	1	-	-	-	1
Excision, inguinal glands,	1	1	-	-	2
Excision, lipoma,	1	-	-	-	1
Incision, abscess,	82	26	-	-	108
Section and neurorrhaphy spinal accessory nerve,	-	2	-	-	2
DISLOCATIONS AND FRACTURES.					
Colles fracture (ether),	1	-	-	-	1
Dislocation, ankle (ether),	1	-	-	-	1
Dislocation, elbow (ether),	1	-	-	-	1
Dislocation, shoulder (ether),	3	-	-	-	3
Fracture, humerus (ether),	2	-	-	-	2
Fracture, nasal bone (ether),	1	-	-	-	1
Fracture, tarsal bone (ether),	1	-	-	-	1
Totals,	356	129	18	-	503

TABLE OF DEATHS.

[illegible]

[illegible]

TABLE OF DEATHS — *Concluded.*

CAUSES OF DEATH.	TABLE BY MONTHS.												TABLE BY AGES.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	1908.												Under 1 year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 to 100.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Males.	Females.	Totals.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Pneumonia, broncho,	2	3	2	1	3	1	2	1	1	1	1	9	6	15	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

STATISTICAL TABLES.

[FORM PRESCRIBED BY STATE BOARD OF INSANITY.]

STATISTICAL TABLES.

1. — *General Statistics of the Year.*

	Males.	Females.	Totals.
Patients in hospital Oct. 1, 1907,	186	426	612
Admitted within the year,	63	164	227
Viz.: by commitment,	55	59	114
by transfer,	4	98	102
from visit, nominally,	1	7	8
from escape,	3	—	3
Whole number of cases within the year,	249	590	839
Dismissed within the year,	67	111	178
Viz.: discharged,	14	17	31
as recovered at time of leaving hospital,	3	1	4
as capable of self-support,	1	—	1
as improved,	4	15	19
as not improved,	6	1	7
Died,	36	70	106
Transferred,	1	16	17
Escaped,	9	2	11
On visit,	7	6	13
Patients remaining Sept. 30, 1908,	182	479	661
Viz.: as State patients,	182	476	658
as reimbursing patients,	—	3	3
Number of different persons within the year,	248	583	831
Number of different persons admitted,	62	157	219
Viz.: by commitment,	55	59	114
by transfer,	4	98	102
Number of different persons dismissed,	66	104	170
Persons recovered,	3	1	4
Number of different persons discharged,	1	—	1
as capable of self-support,			
Daily average of patients,	178.18	434.27	612.45
Viz.: State patients,	178.18	432.52	610.70
reimbursing patients,	—	1.75	1.75

2. — *Insane received on First and Subsequent Commitments.*

NUMBER OF ADMISSIONS.	CASES ADMITTED.		
	Males.	Females.	Totals.
First to this hospital,	55	55	110
Second to this hospital,	—	1	1
Third to this hospital,	—	3	3
Total cases,	55	59	114
Total persons,	55	59	114
Never before in any hospital for the insane,	50	52	102

3. — *Nativity and Parentage of Insane Persons first admitted to Any Hospital.*

PLACES OF NATIVITY.	MALES.			FEMALES.			TOTALS.		
	Patient.	Father.	Mother.	Patient.	Father.	Mother.	Patient.	Father.	Mother.
United States:—									
Massachusetts,	11	5	4	10	3	4	21	8	8
Other New England States,	8	5	4	5	1	1	13	6	5
Other States,	2	2	2	4	3	3	6	4	5
Total native,	21	11	10	19	7	8	40	18	18
Other countries:—									
Austria,	1	1	1	1	1	1	2	2	2
Canada,	4	1	2	1	1	1	5	2	3
Cape Breton,	1	—	—	2	2	1	3	2	1
England,	1	3	2	2	3	1	3	6	3
Germany,	1	1	2	—	—	—	1	1	2
Greece,	1	1	1	—	—	—	1	1	1
Ireland,	8	14	13	20	26	26	28	40	39
Italy,	1	1	1	1	1	1	2	2	2
New Brunswick,	—	—	—	1	—	—	1	—	—
Newfoundland,	1	—	1	—	1	1	1	1	2
Nova Scotia,	1	1	1	1	2	2	2	3	3
Poland,	3	2	2	2	2	2	5	4	4
Scotland,	—	—	—	2	—	2	2	—	2
Slavonia,	—	1	1	—	—	—	—	1	1
Sweden,	2	2	2	—	—	—	2	2	2
Switzerland,	1	1	—	—	—	—	1	1	—
Syria,	1	1	1	—	—	—	1	1	1
Turkey,	2	2	2	—	—	—	2	2	2
Total foreign,	29	32	32	33	39	38	62	71	70
Unknown,	—	7	8	—	6	6	—	13	14
Totals,	50	50	58	52	52	52	102	102	102

4.—*Residence of Insane Persons admitted by Commitment.*

PLACES.	FIRST ADMITTED TO ANY HOSPITAL.			OTHER ADMISSIONS.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Boston,	23	23	46	3	2	5	26	25	51
Brockton,	-	1	1	-	-	-	-	1	1
Cambridge,	4	1	5	-	1	1	4	2	6
Dracut,	1	-	1	-	-	-	1	-	1
Everett,	-	1	1	-	-	-	-	1	1
East Walpole,	1	-	1	-	-	-	1	-	1
Fall River,	1	1	2	-	-	-	1	1	2
Fitchburg,	-	1	1	-	-	-	-	1	1
Gloucester,	-	1	1	-	-	-	-	1	1
Greenfield,	1	-	1	-	-	-	1	-	1
Groveland,	1	-	1	-	-	-	1	-	1
Holyoke,	1	-	1	-	-	-	1	-	1
Lawrence,	3	1	4	-	-	-	3	1	4
Lowell,	5	16	21	1	1	2	6	17	23
Ludlow,	1	-	1	-	-	-	1	-	1
Lynn,	1	-	1	-	-	-	1	-	1
Malden,	1	-	1	-	-	-	1	-	1
Medford,	1	-	1	-	-	-	1	-	1
Melrose,	1	-	1	-	-	-	1	-	1
Montrose,	-	1	1	-	-	-	-	1	1
New Bedford,	-	-	-	-	1	1	-	1	1
Newburyport,	1	-	1	-	-	-	1	-	1
Salem,	1	1	2	-	-	-	1	1	2
Templeton,	-	-	-	-	1	1	-	1	1
Wakefield,	-	-	-	1	-	1	1	-	1
West Springfield,	1	-	1	-	-	-	1	-	1
Woburn,	-	1	1	-	-	-	-	1	1
Worcester,	1	3	4	-	1	1	1	4	5
Totals,	50	52	102	5	7	12	55	59	114
Viz., cities and towns (10,- 000 or over),	45	51	96	4	6	10	49	57	106
Country districts (under 10,000),	5	1	6	1	1	2	6	2	8
Totals,	50	52	102	5	7	12	55	59	114

5. — *Civil Condition of Insane Persons first admitted to Any Hospital.*

	Males.	Females.	Totals.
Unmarried,	22	26	48
Married,	19	10	29
Widowed,	8	16	24
Divorced,	1	—	1
Unknown,	—	—	—
Totals,	50	52	102

6. — *Occupation of Insane Persons first admitted to Any Hospital.*

MALES.

Cabinet maker, 1	Moulder, 1
Carpenter, 5	None, 1
Clerk, 2	Painter, 1
Cook, 1	Printer, 1
Fireman, 1	Salesman, 2
Foreman, 2	Shoemaker, 1
Gardener, 1	Shoe operative, 1
Hackman, 1	Stone mason, 2
Iron moulder, 1	Tin smith, 1
Laborer, 19	Wagon maker, 1
Machinist, 2	Weaver, 1
Mill operative, 1	Total, 50

FEMALES.

Cook, 1	Nurse, 1
Domestic, 16	Operative, 7
Housewife, 10	School, 1
Housework, 12	Seamstress, 1
Laundress, 1	Waitress, 1
None, 1	Total, 52

7. — *Ages of Insane at First Attack, Admission and Death.*

AGES.	FIRST ADMITTED TO ANY HOSPITAL.			WHEN ADMITTED.			DIED.				
	AT FIRST ATTACK.		Totals.	Males.		Females.	AT FIRST ATTACK.		Totals.	AT TIME OF DEATH.	
	Males.	Females.		Males.	Females.		Males.	Females.		Totals.	
Congenital,	4	8	12	-	-	-	5	-	5	-	-
15 years and less,	-	1	1	-	1	1	1	1	1	-	-
From 15 to 20 years,	-	1	1	1	7	8	2	-	2	-	-
20 to 25 years,	1	2	3	5	2	7	4	4	5	1	1
25 to 30 years,	1	3	4	5	8	13	7	1	4	1	2
30 to 40 years,	3	-	3	9	7	16	10	3	13	6	9
40 to 50 years,	5	1	6	13	5	18	9	10	11	5	9
50 to 60 years,	3	3	6	7	6	13	6	6	8	8	14
60 to 70 years,	1	1	2	7	10	17	2	3	10	11	22
70 to 80 years,	-	-	-	1	5	6	1	8	4	6	33
Over 80 years,	-	-	-	2	1	3	-	-	4	2	19
Totals,	18	20	38	50	52	102	12	51	63	36	106
Unknown,	32	32	64	-	-	-	24	19	43	-	-
Not insane,	-	-	-	-	-	-	-	-	-	-	-
Totals of persons,	50	52	102	50	52	102	36	70	106	36	106
Mean known ages (in years),	44.0	35.9	39.9	46.1	45.7	45.9	46.0	40.5	43.2	57.5	58.2

8.—Probable Causes of Mental Diseases in Persons first admitted to Any Hospital.

EXCITING CAUSES.	ADMITTED.			PREDISPOSING CAUSES.				ALCOHOLIC INTemperance.	
	Males.	Females.	Totals.	HEREDITARY TENDENCY.		NEUROTIC TENDENCY.		Males.	Females.
				Males.	Females.	Totals.	Totals.		
Physical :—									
Alcoholism,	15	9	24	—	2	2	15	—	—
Arterio-sclerosis,	1	—	1	—	—	—	1	1	—
Blindness,	1	1	2	—	—	—	1	—	—
Excresses,	1	—	1	—	—	—	1	—	—
Infectious diseases,	4	—	4	—	—	—	3	1	—
Organic brain diseases,	1	—	1	—	—	—	1	—	—
Privation,	1	2	3	1	1	2	3	—	—
Senility,	5	10	15	—	1	1	3	2	3
Syphilis,	11	3	14	—	—	—	1	10	2
Trauma,	2	1	3	—	—	—	2	—	—
Mental :—									
Auto intoxication,	—	2	2	—	—	—	—	—	—
Congenital,	4	7	11	4	7	11	—	—	—
Emotional stress,	—	4	4	—	1	1	—	—	—
Epilepsy,	—	3	3	—	2	2	—	—	—
Hemorrhage,	—	1	1	—	—	—	—	—	—
Totals,	46	43	89	5	14	19	27	14	5
Unknown,	4	9	13	—	1	1	4	—	—
Totals,	50	52	102	5	15	20	31	14	5

9.—*Probable Duration of Mental Diseases before Admission.*

PREVIOUS DURATION.	FIRST ADMISSION TO ANY HOSPITAL.		
	Males.	Females.	Totals.
Congenital,	—	—	—
Under 1 month,	2	—	2
From 1 to 3 months,	4	2	6
3 to 6 months,	1	—	1
6 to 12 months,	2	—	2
1 to 2 years,	3	2	5
2 to 5 years,	3	5	8
5 to 10 years,	—	1	1
10 to 20 years,	—	2	2
Over 20 years,	4	6	10
Totals,	19	18	37
Unknown,	31	34	65
Not insane,	—	—	—
Totals,	50	52	102
Average known duration (in years), .	7.3	15.8	11.5

10. — *Form of Mental Disease in Patients admitted, discharged, etc. — Concluded.*

FORM OF DISEASE.	ADMITTED.			DISCHARGED.						DIED.			TOTAL DISCHARGES AND DEATHS.		
	Males.	Females.	Totals.	RECOVERED.			CAPABLE OF SELF-SUPPORT.			IMPROVED.			NOT IMPROVED.		
				Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
B. — Other admissions: —															
Alcoholic insanity, chronic,	1	-	1	-	-	-	-	-	-	1	1	-	-	4	4
Dementia precox,	4	2	6	-	-	-	1	1	2	-	-	1	2	23	27
Dementia senile,	-	1	1	-	-	-	-	-	-	-	-	-	1	14	15
Dementia, organic,	-	-	-	-	-	-	-	-	-	-	-	-	1	2	3
Epileptic insanity,	-	1	1	-	-	-	-	1	1	-	-	1	-	3	4
Exhaustion psychosis,	-	-	-	-	-	-	-	-	-	1	1	-	-	1	1
General paralysis,	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Imbecility,	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Insanity of chorea,	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Manic-depressive insanity,	-	3	3	-	1	1	-	-	2	-	-	-	-	6	6
Paranoia,	-	-	-	-	-	-	-	1	1	-	-	1	-	1	2
Presenile delusional insanity,	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Puerperal insanity,	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals,	5	7	12	-	1	1	1	8	9	3	-	3	5	58	67
Aggregate cases,	55	59	114	3	1	4	1	4	15	6	1	7	36	70	106
Aggregate persons,	55	59	114	3	1	4	1	4	15	6	1	7	36	70	106

11. — Discharges of the Insane, classified by Admission and Result, and Deaths.

NUMBER OF THE ADMISSION.	RECOVERED.			CAPABLE OF SELF-SUPPORT.			IMPROVED.			NOT IMPROVED.			DIED.			NOT INSANE.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
First to this hospital,	3	1	4	1	—	1	4	15	19	6	1	7	36	70	106	—	—	—	50	87	137
Second to this hospital,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Third to this hospital,	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total cases,	3	1	4	1	—	1	4	15	19	6	1	7	36	70	106	—	—	—	50	87	137
Total persons,	3	1	4	1	—	1	4	15	19	6	1	7	36	70	106	—	—	—	50	87	137
First admitted to any hospital,	3	—	3	1	—	1	3	7	10	3	1	4	31	21	52	—	—	—	41	29	70

12. — Causes of Death, and Form of Mental Disease in Persons who died.

CAUSES.		AGGREGATES.			DEMENTIA ORGANIC.			DEMENTIA PRECOX.			DEMENTIA SENILE.			EPILEPTIC INSANITY.			GENERAL PARALYSIS.		
		Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
GENERAL DISEASES.																			
Surgical shock,	.	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Syphilis, tertiary,	.	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Tuberculosis, general,	.	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
DISEASES OF THE NERVOUS SYSTEM.																			
Cerebral embolism,	.	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Cerebral hemorrhage,	.	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Cerebral softening,	.	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Cerebral syphilis,	.	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
General paralysis,	.	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Leptomenigitis,	.	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Tubercular meningitis,	.	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
DISEASES OF THE CIRCULATORY SYSTEM.																			
Aortic insufficiency,	.	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Aortic and mitral insufficiency,	.	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Aortic stenosis and insufficiency,	.	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Aortic stenosis and aortic and mitral insufficiency,	.	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Mitral insufficiency,	.	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Mitral insufficiency and aortic stenosis,	.	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Mycarditis,	.	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
DISEASES OF THE RESPIRATORY SYSTEM.																			
Broncho-pneumonia,	.	4	3	7	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Phthisis,	.	10	18	28	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Pneumonia, lobar,	.	3	3	6	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
DISEASES OF THE DIGESTIVE SYSTEM.																			
Enteritis, acute,	.	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Enteritis, tubercular,	.	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
DISEASES OF THE GENITO-URINARY SYSTEM.																			
Carcinoma of uterus,	.	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
UNCLASSIFIED.																			
Cancer of breast,	.	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Femoral hernia, strangulated,	.	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Fracture of skull,	.	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2
Totals,	.	36	70	106	9	5	14	4	28	32	12	21	33	1	2	3	7	1	8

12. — Causes of Death, and Form of Mental Disease in Persons who died — Concluded.

CAUSES.	PRESENILE DELUSIONAL INSANITY.			ALCOHOLIC INSANITY (CHRONIC).			CHOREIC INSANITY.			IMBECILITY.			MANIC- DEPRESSIVE INSANITY.			INVOLUTION PSYCHOSIS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
DISEASES OF THE CIRCULATORY SYSTEM.																		
Aortic stenosis and insufficiency,	1	.	.	.	.	.	.	.	.	.	.	.	.
Mitral insufficiency,	1	.	.	.	.	.	.	.	.	.	.	.	.
Myocarditis,	2	1	3	.	.	.	.	.	.	.	.	.	.	.	.
DISEASES OF THE RESPIRATORY SYSTEM.																		
Broncho-pneumonia,	1	1	1	1	1	1	1	2	1	1	2	1	1	1
Phthisis,	1	.	.	.	.	.	.	.	.	.	.	.	.
DISEASES OF THE DIGESTIVE SYSTEM.																		
Enteritis, acute,	1	.	.	.	.	.	.	.	.	.	.	.	.
Enteritis, tubercular,	1	.	.	.	.	.	.	.	.	.	.	.	.
Totals,	-	1	1	2	3	5	1	1	2	-	4	4	-	3	3	-	1	1

13. — *Duration of Mental Disease and its Treatment in Patients who recovered or died.*

PERIOD.	FIRST ADMITTED TO ANY HOSPITAL.						ALL OTHER ADMISSIONS.					
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION OF ATTACK.			WHOLE KNOWN PERIOD OF DISEASE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
A. — Recovered: —												
Under 1 month,	2	—	2	—	—	—	—	—	—	—	—	—
From 1 to 3 months,	—	—	—	2	—	2	—	—	—	—	—	—
3 to 6 months,	1	—	1	1	—	1	2	—	2	—	—	—
6 to 12 months,	—	—	—	—	—	—	—	—	—	—	—	—
1 to 2 years,	—	—	—	—	—	—	1	—	1	—	—	—
2 to 5 years,	—	—	—	—	—	—	—	—	—	—	—	—
5 to 10 years,	—	—	—	—	—	—	—	—	—	—	1	1
10 to 20 years,	—	—	—	—	—	—	—	—	—	—	—	—
Over 20 years,	—	—	—	—	—	—	—	—	—	—	—	—
Totals,	3	—	3	3	—	3	3	—	3	—	1	1
Unknown,	—	—	—	—	—	—	—	—	—	—	—	—
Totals,	3	—	3	3	—	3	3	—	3	—	1	1
Average of known cases (in months),	1.5	—	1.5	3.3	—	3.3	4.3	—	4.3	—	6.0	6.0

13. — Duration of Mental Disease and its Treatment in Patients who recovered or died — Concluded.

PERIOD.	FIRST ADMITTED TO ANY HOSPITAL.						ALL OTHER ADMISSIONS.					
	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION OF ATTACK.			WHOLE KNOWN PERIOD OF DISEASE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
B. — Died: —												
Under 1 month,	—	—	—	—	—	—	—	—	—	—	—	—
From 1 to 3 months,	—	1	1	2	4	6	—	—	—	—	—	—
3 to 6 months,	1	1	2	9	—	9	1	—	1	—	—	—
6 to 12 months,	4	—	4	9	1	10	—	—	—	—	—	—
1 to 2 years,	1	1	2	4	4	8	3	—	3	—	2	2
2 to 5 years,	2	2	4	4	6	10	3	4	7	1	3	4
5 to 10 years,	—	2	2	2	3	5	1	3	4	1	10	11
10 to 20 years,	—	—	—	—	1	1	—	—	—	—	5	5
Over 20 years,	—	2	2	1	2	3	—	2	2	2	15	17
Totals,	8	9	17	31	21	52	8	9	17	4	35	39
Unknown,	23	12	35	—	—	—	23	12	35	1	14	15
Totals,	31	21	52	31	21	52	31	21	52	5	49	54
Average of known cases (in months),	14.3	92.4	53.3	14.9	48.8	31.8	25.5	99.0	62.2	10.6	187.6	99.1
										46.4	116.3	81.3

TABLE OF DISEASES AMONG THE INSANE. *Medical.*

DISEASES.	PATIENTS.			DISCHARGED.				Still in Hospital.	Operation.
	Totals.	Males.	Females.	Well.	Relieved.	Not relieved.	Died.		
GENERAL DISEASES.									
Arthritis, chronic,	1	-	1	-	-	-	-	1	-
Rheumatism, acute articular,	2	-	2	-	1	-	-	1	-
Rheumatism, chronic articular,	2	-	2	-	2	-	-	-	-
Rheumatism, muscular,	1	1	-	1	-	-	-	-	-
Tertiary syphilis,	2	2	-	-	-	1	-	-	-
Tuberculosis, general,	1	-	1	-	-	-	1	-	-
Typhoid fever,	1	1	-	1	-	-	-	-	-
DISEASES OF THE NERVOUS SYSTEM.									
Alcoholic neuritis,	1	-	1	-	-	-	-	1	-
Cerebral embolism,	1	-	1	-	-	-	1	-	-
Cerebral hemorrhage,	3	2	1	-	1	-	2	-	-
Cerebral softening,	1	-	1	-	-	-	1	-	-
Cerebral syphilis,	4	4	-	-	-	-	1	3	-
Epilepsy,	36	19	17	-	1	-	-	35	-
General paralysis,	17	10	7	-	-	4	7	6	-
Leptomenigitis,	1	1	-	-	-	-	1	-	-
Tubercular meningitis,	1	1	-	-	-	-	1	-	1
DISEASES OF THE CIRCULATORY SYSTEM.									
Aortic insufficiency,	5	1	4	-	2	-	2	1	-
Aortic stenosis,	3	-	3	-	1	1	-	1	-
Aortic stenosis and insufficiency,	2	-	2	-	-	-	2	-	-
Arterio-sclerosis,	5	2	3	-	1	3	-	1	-
Mitral insufficiency,	39	12	27	-	2	6	14	17	-
Mitral and aortic insufficiency,	5	2	3	-	1	-	4	-	-
Mitral and aortic insufficiency and aortic stenosis,	2	-	2	-	1	-	1	-	-
Mitral insufficiency and aortic stenosis,	2	-	2	-	1	-	1	-	-
Mitral stenosis and insufficiency,	1	-	1	-	1	-	-	-	-
Myocarditis,	27	7	20	-	6	-	16	5	-
DISEASES OF THE RESPIRATORY SYSTEM.									
Asthma,	3	-	3	-	3	-	-	-	-
Bronchitis, acute,	2	-	2	2	-	-	-	-	-
Bronchitis, chronic,	3	2	1	-	2	1	-	-	-
Influenza,	4	1	3	1	3	-	-	-	-
Peritonsillar abscess,	1	-	1	1	-	-	-	-	1
Phthisis,	70	26	44	-	4	4	28	34	-
Pharyngitis, acute,	2	1	1	2	-	-	-	-	-
Pleurisy fibrinous,	1	1	-	1	-	-	-	-	-
Pleurisy with effusion,	1	1	-	-	1	-	-	-	1
Pneumonia (broncho-pneumonia),	9	6	3	2	-	-	7	-	-
Pneumonia, lobar,	9	3	6	2	-	-	6	1	-
Tonsillitis, acute,	4	1	3	3	-	-	-	1	1
Tonsillitis, chronic,	1	-	1	-	-	-	-	1	-
DISEASES OF THE DIGESTIVE SYSTEM.									
Appendicitis,	1	1	-	1	-	-	-	-	-
Constipation, chronic,	1	-	1	-	1	-	-	-	-
Enteritis, acute,	35	4	31	31	-	-	3	1	-
Enteritis, tubercular,	2	-	2	-	-	1	1	-	-
Gastritis, acute,	4	2	2	3	1	-	-	-	-
Ileo-colitis,	6	1	5	6	-	-	-	-	-
Ptomaine poisoning,	1	-	1	1	-	-	-	-	-
DISEASES OF THE GENITO URINARY SYSTEM.									
Abscess of vulva,	1	-	1	1	-	-	-	-	1
Balanitis, acute,	1	1	-	1	-	-	-	-	-
Carcinoma of cervix,	2	-	2	-	-	1	1	-	1
Dysmenorrhœa,	2	-	2	-	2	-	-	-	-
Hydrocele,	1	1	-	1	-	-	-	-	-
Nephritis, acute,	1	-	1	-	-	-	-	1	-
Nephritis, chronic interstitial,	1	-	1	-	-	1	-	-	-
Tumor of kidney,	1	-	1	-	1	-	-	-	-
Vaginitis, acute,	2	-	2	1	-	-	-	1	-

TABLE OF DISEASES AMONG THE INSANE. *Medical*—Concluded.

DISEASES.	PATIENTS.			DISCHARGED.				Still in Hospital.	Operation.
	Totals.	Males.	Females.	Well.	Relieved.	Not relieved.	Died.		
DISEASES OF THE EYE.									
Blepharitis,	6	-	6	2	4	-	-	-	-
Chalazion,	1	-	1	1	-	-	-	-	-
Conjunctivitis,	7	4	3	6	1	-	-	-	-
Corneal ulcer,	1	1	-	1	-	-	-	-	-
Entropion,	1	-	1	-	1	-	-	-	1
Iritis,	1	1	-	-	1	-	-	-	-
Optic atrophy,	1	1	-	-	-	1	-	-	-
DISEASES OF THE SKIN.									
Dermatitis venenata,	24	8	16	24	-	-	-	-	-
Eczema, acute,	1	-	1	1	-	-	-	-	-
Eczema, chronic,	5	1	4	2	2	-	-	1	-
Erysipelas, facial,	1	-	1	1	-	-	-	-	-
Erythema, nodosum,	2	1	1	2	-	-	-	-	-
Herpes zoster,	2	1	1	2	-	-	-	-	-
Impetigo,	1	1	-	1	-	-	-	-	-
Lupus vulgaris,	1	-	1	-	-	-	-	1	-
Pediculosis, capitis,	10	-	10	10	-	-	-	-	-
Pediculosis, corporis,	5	4	1	5	-	-	-	-	-
Psoriasis,	1	-	1	-	-	-	-	1	-
UNCLASSIFIED.									
Parturition,	4	-	4	4	-	-	-	-	1
Pregnancy,	6	-	6	4	-	-	-	2	1
Total medical diseases,	419	140	279	128	48	24	102	117	9

TABLE OF DISEASES AMONG THE INSANE. *Surgical*.

DISEASES OF THE BREAST.									
Adeno fibroma,	1	-	1	-	-	1	-	-	-
Carcinoma,	2	-	2	-	-	-	2	-	1
DISEASES OF BACK AND CHEST.									
Carbuncle,	5	4	1	5	-	-	-	-	5
Fracture of clavicle,	1	-	1	1	-	-	-	-	-
Furuncle of back,	1	-	1	1	-	-	-	-	1
DISEASES OF HEAD, NECK AND FACE.									
Abscess of face,	-	3	2	3	1	-	-	1	3
Abscess of hip,	4	4	-	4	-	-	-	-	3
Abscess of neck,	2	-	2	1	1	-	-	-	2
Carbuncle of lip,	3	3	-	3	-	-	-	-	3
Carbuncle of neck,	1	1	-	1	-	-	-	-	1
Carcinoma of eye,	1	1	-	-	-	1	-	-	-
Carcinoma of face,	1	-	1	-	-	-	-	1	-
Contusion of forehead and face,	2	2	-	1	1	-	-	-	-
Dactylitis,	1	-	1	-	1	-	-	-	1
Depressed fracture of skull,	1	1	-	-	1	-	-	-	1
Extraction of teeth,	36	7	29	36	-	-	-	-	36
Fracture of nose,	1	1	-	1	-	-	-	-	-
Fracture of skull,	1	1	-	-	-	-	1	-	-
Furuncle of face,	8	1	7	8	-	-	-	-	7
Lacerated wound of brow,	5	-	5	5	-	-	-	-	-
Lacerated wound of face,	6	4	2	4	-	-	-	2	3
Lacerated wound of scalp,	9	4	5	7	-	-	-	2	1
Otitis media,	6	1	5	1	4	1	-	-	-
DISEASES OF THE DIGESTIVE SYSTEM.									
Burn of tongue,	1	-	1	1	-	-	-	-	-
Hemorrhoids,	3	2	1	3	-	-	-	-	2
Prolapsus recti,	2	-	2	1	1	-	-	-	-

TABLE OF DISEASES AMONG THE INSANE. *Surgical*—Concluded.

DISEASES.	PATIENTS.			DISCHARGED.				Still in Hospital.	Operation.
	Totals.	Males.	Females.	Well.	Relieved.	Not relieved.	Died.		
DISEASES AND INJURIES OF UPPER EXTREMITIES.									
Abscess of arm,	2	-	2	2	-	-	-	-	1
Acute infectious arthritis,	1	1	-	-	1	-	-	-	-
Carbuncle of forearm,	1	1	-	1	-	-	-	-	1
Cellulitis of arm,	1	1	-	1	-	-	-	-	1
Colles fracture,	1	-	1	-	1	-	-	-	-
Dislocation of shoulder,	1	-	1	1	-	-	-	-	1
Fracture of clavicle, old,	1	-	1	-	-	1	-	-	-
Fracture of humerus,	2	-	2	1	-	1	-	-	1
Incised wound of hand,	1	-	1	1	-	-	-	-	-
Paronychia,	1	1	-	1	-	-	-	-	1
Septic arm,	2	-	2	2	-	-	-	-	2
Septic finger,	8	-	8	7	1	-	-	-	7
Septic hand,	3	3	-	3	-	-	-	-	2
Teno-synovitis of wrist,	1	-	1	1	-	-	-	-	-
DISEASES AND INJURIES OF LOWER EXTREMITIES.									
Abscess of hip,	1	-	1	1	-	-	-	-	1
Burn of buttock,	1	-	1	-	1	-	-	-	-
Carbuncle of thigh,	1	1	-	1	-	-	-	-	1
Cellulitis of leg,	3	3	-	3	-	-	-	-	-
Chronic deformity of foot,	1	1	-	-	1	-	-	-	-
Chronic ulcer of leg,	5	1	4	2	1	-	-	2	1
Furuncle of ankle,	1	1	-	1	-	-	-	-	-
Hæmato abscess,	1	-	1	1	-	-	-	-	1
Incised wound of leg,	1	-	1	1	-	-	-	-	-
Impacted fracture of hip,	3	1	2	1	2	-	-	-	-
Prepatellar bursitis,	2	1	1	1	1	-	-	-	-
Septic heel,	1	1	-	1	-	-	-	-	1
Septic leg,	2	2	-	2	-	-	-	-	2
Septic toe,	3	2	1	3	-	-	-	-	-
Sprain of foot,	3	2	1	3	-	-	-	-	-
Tumor of buttock,	1	-	1	1	-	-	-	-	1
UNCLASSIFIED.									
Hernia, strangulated,	1	-	1	-	-	-	1	-	-
Poisoning, ammonia,	1	-	1	1	-	-	-	-	-
Total surgical cases,	167	63	104	131	19	5	4	8	95
Total medical cases,	419	140	279	128	48	24	102	117	9
Total medical and surgical cases,	586	203	383	259	67	29	106	125	104

REPORT FROM LABORATORIES.

Clinical:—

Urines: normal, 5,358; pathological, 888,	6,244
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Gastric contents,	8
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Blood:—

Differential counts,	83
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Arneth differential counts,	9
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White counts,	224
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Red counts and hæmoglobin estimations,	199
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Medical biology:—

Blood for malaria parasites,	10
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Specimens for Klebs Loeffler organisms,	524
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Specimens for Neisser organism,	97
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Sputums for tubercle bacillus:—

Positive,	604
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Negative,	3,482
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Sputums for influenza,	27
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Sputums for pneumococcus,	31
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Typhoid bacillus from blood,	2
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Gruber-Weidel's tests,	20
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Body fluids and fæces,	48
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Dogs for rabies, negative,	1
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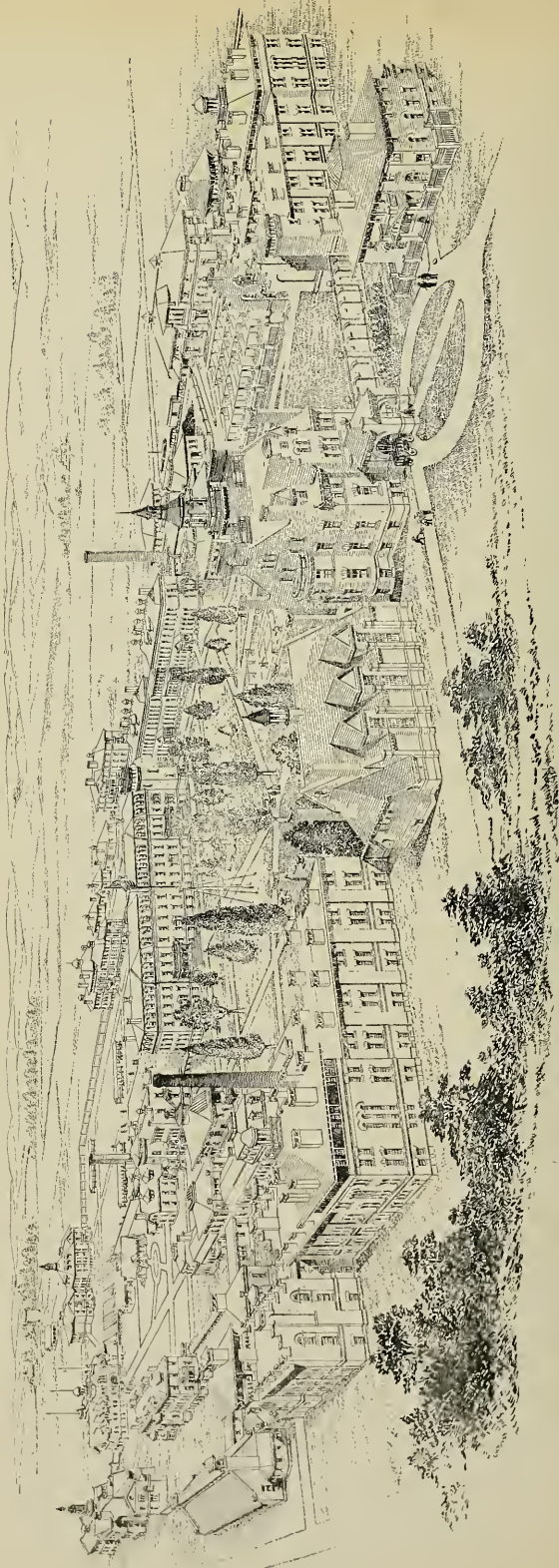
Cases for which bacterial vaccines were prepared,	142
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Pathology:—

Surgical specimens,	207
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Post-mortem examinations,	114
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The following unusual conditions have been found and specimens preserved: sarcoma of kidney; aortic aneurism; sago spleen; brown induration of lung; syphilitic liver with cysts; calcification of entire heart wall; pseudohermaphroditism; hypertrophied heart (920 grams); cystic cerebral tumor; œsophageal pouch; ossification of falx cerebri.



STATE INFIRMARY, TEWKSBURY
GENERAL VIEW FROM NORTH EAST